

Consistently Beautiful
OMNICOLOR[®]
MULTIPURPOSE
MASTERBATCHES



what is precious to you?



The industry's first effective line of multi-purpose color concentrates, OMNIColor offers excellent color performance across the broadest range of polymers, while also helping to minimize costs.

— OMNIColor® - Versatile and cost-effective choice for plastics processors. Low usage ratio, along with ready availability and low minimum order requirements.

OMNICOLOR®

MULTIPURPOSE COLOR CONCENTRATES

Bringing life to plastics and plastics to life.

OMNICOLOR delivers consistently brilliant batch-to-batch color with exceptional reliability and quality. Its low usage ratio (100:1), low minimum order (25 lbs., 5 kg), and pelletized form for easy handling and storage make it a versatile and cost-effective choice for injection molders.

Available in 197 stock and standard colors, OMNICOLOR concentrates are suitable for use with over 25 different polymers including PVC, nylon and ABS. They are compatible with most common additives, including UV stabilizers, antistats and slip agents. All OMNICOLOR concentrates are heavy-metal- and cadmium-free.

OMNICOLOR color concentrates are based on a multipurpose compatible carrier system. These concentrates are suitable for use with a wide range of polymers at the addition rates recommended in the table below:

| RECOMMENDED ADDITION RATES | | | |
|----------------------------|------|-----------------|------|
| Polyethylene | 1% | SAN | 1% |
| Polypropylene | 1% | ABS | 1-3% |
| GP Polystyrene | 1% | PVC | 1-3% |
| HI Polystyrene | 1-2% | Polycarbonate | 1% |
| Acrylics (Opaque) | 1% | Thermoplastic | 1-3% |
| PBT Polyester | 1% | Rubber | |
| PET Polyester | 1% | Alloys & Blends | 1-3% |
| Polyurethane | 1-2% | EVA | 1% |
| Polyamide (Nylon) | 1% | Filled Polymers | 1-3% |
| Acetal | 1% | | |

OMNICOLOR®

MULTIPURPOSE COLOR CONCENTRATES



Concentrate Selection

OMNICOLOR concentrates are generally selected because of their versatility where a wide range of polymers are processed and their availability for sale in small quantities.

Utilization of OMNICOLOR Blending

Thorough premixing of OMNICOLOR and polymer is required to obtain consistency of color throughout the production run. This can be achieved by tumble mixing or by the use of concentrate metering devices.

Processing

It is very important that the processing machine has good plasticizing capability. Improvements can often be achieved by making the following adjustments:

1. Increasing the back pressure
2. Reducing the screw speed
3. Raising the temperature in the middle zone of the barrel
4. Cooling the feed zone of the barrel to prevent premature melting of the the concentrate

Thermal Stability

OMNICOLOR processing temperatures pertain to the colorant system only. The carrier system also has a thermal ceiling and is dependent on both time and temperature. Care should be used when processing OMNICOLOR where melt temperatures may exceed 600°F.

General Information on OMNICOLOR Carrier

The term multipurpose concentrate implies that the concentrate carrier is compatible with most polymers. The carrier resin could cause performance problems in a few polymers. Therefore, OMNICOLOR should not be used in:

1. Cellulosic polymers
2. Transparent acrylic colors

Pigment Compatibility

The OMNICOLOR range has been formulated with high quality heavymetal-free pigments that will perform well in a wide range of polymers under most processing conditions.

Food and Toy Regulations

OMNICOLOR masterbatches have limited EU food contact and our suitable for limited food contact and toy applications. OMNICOLOR masterbatch are not suitable for FDA primary pharmaceutical, cosmetic of medical applications. It is highly recommended that customer check with their suppliers before using any OMNICOLOR masterbatch for food contact applications. Detailed statements relating to compliance with EU or US legislation and regulatory standards are available upon request:

For Europe please contact the following:
productsafetyuk@clariant.com

In North America please contact:

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FAST DELIVERY

Universal multipurpose colors of OmniColor® in stock.

Process Compatibility

OMNICOLOR masterbatches can be used for injection molding, blow molding, profile and sheet extrusion and will withstand the drying temperatures of most polymers that require drying before processing, such as ABS and nylons. For polymer drying in excess of 225°F (100°C), add the masterbatch after the drying process or alternatively contact our technical staff for availability of high-temperature grades.

Lightfastness

This is measured on the Blue Wool Scale (BWS) from a minimum of 1 to a maximum of 8. OMNICOLOR offers a broad spectrum of colors with lightfastness ratings to suit most applications. OMNICOLOR concentrates do not contain UV stabilizers; outdoor applications must be reviewed on a case-by-case basis. Please check with our technical department when colorant is required for a light-specific or critical application.

Weatherability

This refers to loss of color and outdoor exposure due to elemental action. Good lightfastness does not always indicate good weatherability. If weatherability is of prime importance, this should be specified.

Color Shade and Opacity

All pigments vary in color strength and opacity. The formulations used to create OMNICOLOR combine the high tinting strength of organic pigments with the opacity of inorganics. The hiding power of the formulations does differ and should be tested for in all opaque and filled polymers before starting production.

Flame Retardant Polymers

It is possible to use OMNICOLOR in Flame Retardant materials, but due to their high additive content only a very limited range of colors such as gray or beige is possible. The addition of pigment and carrier could also affect the UL rating. Therefore, subsequent flame testing may be necessary when using OMNICOLOR in flame retardant polymers.



OMNICOLOR® ORDERING INFORMATION

In the US and UK, OMNICOLOR stock colors are available for next-day delivery. The remaining standard colors are available for delivery within 5 to 7 working days. Smaller quantities may be available: call +1 888 621 1282 in the US and +353 458 66 565 in Naas, Ireland.

The term *multipurpose color concentrate* signifies that the concentrate is based on a carrier material that is compatible with a wide range of thermoplastics.

Product is supplied on the understanding that it will be assessed for suitability of application under local conditions in the intended use. The information given herein and otherwise supplied to users is based on our current knowledge and experience. However, due to many factors beyond our knowledge and control that may affect processing and application, we give this information without obligation or liability of any kind whatsoever. Colors shown are simulations only.

Actual color may vary depending on specific resin and processing conditions.

A STEP IN THE RIGHT DIRECTION
 Omnicolor® masterbatches help to reduce net working capital by cutting inventory costs.

| TROUBLESHOOTING OMNICOLOR SYMPTOM | CAUSE | REMEDY |
|---|---|---|
| 1. COLOR VARIATION SHOT TO SHOT. | Poor OMNICOLOR preblending. Pigment has insufficient thermal stability. | More thorough blending. Ensure correct machine temperature control. |
| 2. SCREW SLIP. | Premature melting of OMNICOLOR. Excessive addition rate. | Reduce heat in feed zone. Check addition rate and reduce if necessary. |
| 3. OVERALL GOOD DISTRIBUTIVE MIXING WITH STREAKS OR DOTS OF ANOTHER COLOR. | Poor pigment dispersion in concentrate. | Return concentrate for replacement. |
| 4. BLACK STREAKS OR SPLOTCHES. | Degraded polymer in barrel. | Clean screw and barrel. |
| 5. POOR DISTRIBUTIVE MIXING (STREAKING). | Insufficient plastification. | See processing instructions. |
| 6. LOSS OF COLOR. | Pigment has insufficient thermal stability. | Change to more heat stable concentrate. Ensure correct machine temperature control. |

* OMNICOLOR does not contain UV stabilizers or fluorocarbons. Effects of gamma ray sterilization on OMNICOLOR have not been tested.
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FREE

3.5 oz. (100 gm)
 samples
 on request.

HOW TO CALCULATE YOUR COLORING COSTS

$\frac{\text{COST/LB. OF CONCENTRATE} - \text{COST/LB. OF RESIN}}{\text{LET-DOWN RATIO} + 1} = \text{COLORING COST}$

OMNICOLOR®

PROCESSING TEMPERATURES

RECOMMENDED MAXIMUM PROCESSING TEMPERATURES FOR OMNICOLOR IN SELECTED POLYMERS IN °C

| UK COLOR NO. | US COLOR NO. | COLOR | PVC | PE/PP/PUR | PS | ABS | ACETAL | PBT | NYLON | PC/PES |
|-----------------|-----------------|-------------------|--------|-----------|------|------|--------|------|-------|--------|
| OM0001 | UN0001 | White | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM0005 | UN0005 | BrightWhite | 200+ | 260 | 260+ | 260 | 200+ | 300+ | NS | 300+ |
| OM0330 | UN0330 | PolarWhite | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM0332 | UN0332 | Coconut | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM1275 | UN1275 | Magnolia | **200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM1293 | UN1293 | Vanilla | **200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM1625 | UN1625 | Sunflower Yellow | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM1637 | UN1637 | Daffodil Yellow | 200 | 240 | 220 | NS | NS | NS | NS | NS |
| OM1690 | UN1690 | Citrus # | *200+ | NS | 260 | 250 | NS | 280+ | NS | 280+ |
| OM1693 | UN1693 | Banana | *200+ | NS | 280+ | 280+ | NS | 280+ | NS | 280+ |
| OM1696 | UN1696 | Jasmine | 200+ | 280 | 260 | 260 | 200+ | 280+ | NS | 280+ |
| OM1700 | UN1700 | Canary Yellow | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM1702 | UN1702 | Marigold # | *200+ | NS | 260+ | 260+ | NS | 300 | NS | 300 |
| OM1704 | UN1704 | Ivory | **200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM1707 | UN1707 | Cream | 200+ | 280+ | 260+ | 260+ | 200+ | 300+ | 280+ | 300+ |
| OM1751 | N/A | Sol Yellow | 200+ | 260 | 260 | 280 | 200+ | 250+ | NS | 280 |
| OM1753 | N/A | Sherbert Lemon | 200 | 240 | 220 | NS | NS | NS | NS | NS |
| OM1831 | N/A | Linen | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | NS | NS |
| OM1832 | N/A | Buttermilk | 200+ | 280+ | 260+ | 280+ | 200+ | NS | NS | NS |
| OM1834 | N/A | Chick | 200+ | 240 | 220 | NS | NS | NS | NS | NS |
| OM1839 | N/A | Custard | 200+ | 280+ | 260+ | 280+ | 200+ | NS | NS | NS |
| OM1845 | N/A | Yolk | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | NS | NS |
| OM2239 | UN2239 | Seville Orange | 200+ | 280 | 260 | 260 | 200+ | NS | NS | NS |
| OM2243 | UN2243 | Mandarin Orange | 200 | 240 | 220 | NS | NS | NS | NS | NS |
| OM2250 | UN2250 | Pumpkin | 200+ | 280 | 260 | 240 | 200+ | NS | NS | NS |
| OM2252 | UN2252 | Nectarine # | *200+ | NS | 280+ | 280+ | NS | 300 | NS | 300 |
| OM2291 | N/A | Carrot | 200+ | 280 | 260 | 280 | 200+ | NS | NS | NS |
| OM3223 | UN3223 | Strawberry Red | 200+ | 280 | 260 | 260 | 200+ | NS | NS | NS |
| OM3364 | UN3364 | Rose Pink | 200+ | 280 | 260 | 260 | 200+ | NS | NS | NS |
| OM3513 | UN3513 | Flesh Pink | **200+ | 280 | 260 | 260 | 200+ | NS | NS | NS |
| OM3788 | UN3788 | Cherry Red | 200+ | 280 | 260 | 260 | 200+ | NS | NS | NS |
| OM3801 | UN3801 | Pastel Pink | 200+ | 280 | 260 | 260 | 200+ | NS | NS | NS |
| OM3820 | UN3820 | Flame Red | *200 | NS | 280+ | 280+ | NS | 280+ | 280+ | 280+ |
| OM3849 | UN3849 | Lobster Red | 200 | 260 | 220 | NS | NS | NS | NS | NS |
| OM3850 | UN3850 | Tomato Red | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM3853 | UN3853 | Fuchsia | 200 | 260 | 220 | NS | NS | NS | NS | NS |
| OM3856 | UN3856 | Admiral Red # | *200+ | NS | 260+ | 260+ | NS | 300 | NS | 300 |
| OM3861 | UN3861 | Cardinal Red | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM3864 | UN3864 | Fire Engine Red # | *200+ | NS | 260+ | 260 | NS | 300 | NS | 300 |
| OM3872 | UN3872 | Rocket Red | *200 | NS | 280+ | 280+ | 280+ | 280+ | NS | 280+ |
| OM3879 | UN3879 | Raspberry | 200 | 260 | 220 | NS | NS | NS | NS | NS |
| OM3947 | N/A | Brilliant Red | 200+ | 280 | 260 | 260 | 200+ | 250+ | NS | NS |
| OM3951 | N/A | Poppy Red | 200 | 260 | 220 | NS | NS | NS | NS | NS |
| OM3955 | N/A | Valentine Red | 200+ | 280 | 260 | 260 | 200+ | 250+ | NS | NS |
| OM3958 | N/A | Bubblegum Pink | 200+ | 280 | 260 | 260 | 200+ | 250+ | NS | NS |
| OM33053 | N/A | Ruby | 200 | 240 | 220 | NS | NS | NS | NS | NS |
| OM4043 | UN4043 | Burgundy | 200 | 230 | 200 | NS | 200 | NS | NS | NS |
| OM4204 | UN4204 | Mulberry | 200+ | 280 | 260 | 260 | 200 | 280 | NS | 280 |
| OM4211 | UN4211 | Aubergine # | *200+ | NS | 260 | 260 | NS | 280 | NS | 280 |
| OM4219 | N/A | Cerise | 200+ | 280 | 260 | 260 | 200+ | 250+ | NS | NS |

TEMPERATURE CONVERSION TABLE

| | | | | | | |
|----|-----|-----|-----|-----|-----|-----|
| °C | 200 | 220 | 240 | 260 | 280 | 300 |
| °F | 392 | 428 | 464 | 500 | 536 | 572 |

**RECOMMENDED MAXIMUM PROCESSING TEMPERATURES FOR OMNICOLOR
IN SELECTED POLYMERS IN °C**

| UK COLOR NO. | US COLOR NO. | COLOR | PVC | PE/PP/PUR | PS | ABS | ACETAL | PBT | NYLON | PC/PES |
|-----------------|-----------------|-----------------|---------|-----------|------|------|--------|------|-------|--------|
| OM5001 | UN5001 | Sky Blue | 200+ | 260 | 260+ | 280 | 200+ | 280 | 280 | 280 |
| OM5009 | UN5009 | Powder Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM5011 | UN5011 | Mid Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM5027 | UN5027 | Royal Blue | 200+ | 240 | 220 | NS | NS | NS | NS | NS |
| OM5034 | UN5034 | Pale Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM5065 | UN5065 | Navy Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM5179 | UN5179 | Ultra Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM5485 | UN5485 | Pacific Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM5982 | UN5982 | Baby Blue | 200+ | 260+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM55094 | UN55094 | Purple | 200+ | 260 | 240 | 240 | 200+ | NS | NS | NS |
| OM55157 | UN55157 | Ice Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM55160 | UN55160 | Midnight Blue # | *200+ | NS | 260 | 260 | NS | 300 | NS | 300 |
| OM55162 | UN55162 | Cornflower Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM55171 | UN55171 | Baltic Blue | 200+ | 260+ | 240+ | 240+ | 200+ | 280+ | NS | 280+ |
| OM55302 | N/A | African Violet | 200+ | 280 | 260 | 260 | 200+ | 250+ | NS | NS |
| OM55484 | N/A | Mistral | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM55497 | N/A | Lavender | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM55500 | N/A | Bluebell | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM55502 | N/A | Lilac | 200+ | 240 | 240 | NS | 200+ | NS | NS | NS |
| OM6037 | N/A | Aqua | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM6969 | UN6969 | Alpine Green | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM6985 | UN6985 | Spearmint Green | 200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM6994 | UN6994 | Leaf Green | 200 | 240 | 220 | NS | NS | NS | NS | NS |
| OM66070 | UN66070 | Fern Green | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM66072 | UN66072 | Springtime | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM66075 | UN66075 | Racing Green | 200+ | 280 | 260 | 260 | 200+ | 280+ | NS | 280+ |
| OM66083 | UN66083 | Fresh Green | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM66087 | UN66087 | Sage Green | 200+ | 280 | 260 | 260 | 200+ | 280 | NS | 280 |
| OM66088 | UN66088 | Marine Blue | 200+ | 280 | 260 | 260 | 200 | 280 | NS | 280 |
| OM66099 | UN66099 | Lime Green | *200+ | NS | 260 | 250 | NS | 280+ | NS | 280+ |
| OM66100 | UN66100 | Olive Green | 200+ | 280+ | 260+ | 260+ | 200+ | 300+ | 280+ | 300+ |
| OM66159 | N/A | Pod Green | 200 | 240 | 220 | NS | NS | NS | NS | NS |
| OM66161 | N/A | Ocean Green | 200+ | 280 | 260+ | 260+ | 200+ | 265 | 280+ | 300 |
| OM66301 | N/A | Dewdrop | 200+ | 260+ | 260+ | NS | 200+ | NS | NS | 280+ |
| OM66303 | N/A | Grass Green | 200+ | 260+ | 260+ | NS | 200+ | NS | NS | 280 |
| OM66306 | N/A | Lettuce Green | 200+ | 260+ | 260+ | NS | 200+ | NS | NS | 280 |
| OM66307 | N/A | Apple Green | 200+ | 260+ | 260+ | NS | 200+ | NS | NS | 280 |
| OM7002 | UN7002 | Light Grey | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM7020 | UN7020 | Dark Grey | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM7021 | UN7021 | Ash Grey | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM7053 | UN7053 | Mid Grey | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM7378 | UN7378 | Dove Grey | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM7759 | UN7759 | Soft Grey | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM7994 | UN7994 | Graphite | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM7996 | UN7996 | Moonstone | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM7999 | UN7999 | Pebble | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM77000 | UN77000 | Cloud Grey | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM77007 | UN77007 | Mink | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM77013 | UN77013 | Dusk | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300 |
| OM77140 | N/A | Putty | 200+ | 280 | 260+ | 260+ | 200+ | 265 | 280+ | 280 |

NOTES

* Suitable for use in all PVC except plasticized PVC.

** Suitable for use in all PVC except tin stabilized PVC.

+ Potential use at temperatures above those indicated.

NS Not suitable for use in polymer indicated.

Contains dyestuff which will migrate from PE/PP and all other polyolefins.

OMNICOLOR®

PROCESSING TEMPERATURES

RECOMMENDED MAXIMUM PROCESSING TEMPERATURES FOR OMNICOLOR IN SELECTED POLYMERS IN °C

| UK COLOR NO. | US COLOR NO. | COLOR | PVC | PE/PP/PUR | PS | ABS | ACETAL | PBT | NYLON | PC/PES |
|-----------------|-----------------|--------------------|---------|-----------|------|------|--------|------|-------|--------|
| OM77142 | N/A | Storm Grey | 200+ | 280 | 260+ | 260+ | 200+ | 265 | 280+ | 300+ |
| OM77326 | N/A | Vapour | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM77327 | N/A | Pigeon | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM77330 | N/A | Shark | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM8004 | UN8004 | Chocolate Brown | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM8005 | UN8005 | Terracotta | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM8018 | UN8018 | Light Brown | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM8021 | UN8021 | Mushroom | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM8029 | UN8029 | Mid Brown | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM8142 | UN8142 | Dark Brown | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM8332 | UN8332 | Mahogany | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM8399 | UN8399 | Rosewood | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM88721 | UN88721 | Toffee | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM88723 | UN88723 | Honey Beige | ** 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM88726 | UN88726 | Chestnut Brown | **200+ | 280 | 260 | 260 | 200+ | 280+ | 280+ | 280+ |
| OM88729 | UN88729 | Beige | **200+ | 280+ | 260+ | 260+ | 200+ | 300+ | 280+ | 300+ |
| OM88820 | N/A | Fudge | **200+ | 280 | 260+ | 260+ | 200+ | 265 | 280+ | 300 |
| OM88833 | N/A | Demerara | **200+ | 280 | 260 | 260 | 200+ | 250+ | NS | 280 |
| OM88942 | N/A | Sandstone | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM0055 | UN0055 | Deep Black | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM0086 | UN0086 | Ebony # | *200+ | NS | 260 | 260 | NS | 300 | NS | 300 |
| OM0093 | N/A | Onyx | 200+ | 280 | 260+ | 260+ | 200+ | 260 | 280+ | 300+ |
| OM0174 | N/A | Pearl White | 200+ | 280+ | 260+ | 260+ | 200+ | 265 | 280+ | 300 |
| OM0448 | N/A | Satin Pearl | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM1830 | N/A | Straw Pearl | 200+ | 280+ | 260+ | 280+ | 200+ | NS | NS | NS |
| OM33051 | N/A | Shrimp Pink | 200+ | 280+ | 260+ | 260 | 200+ | NS | NS | NS |
| OM55483 | N/A | Azure Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM55495 | N/A | Arctic Pearl | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM66297 | N/A | Mint Pearl | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM0541 | UN0541 | Gold | NS | 240 | 240 | 240 | 200+ | NS | NS | NS |
| OM0548 | UN0548 | Aztec Gold # | *200+ | NS | 260 | 260 | NS | 300 | NS | 300 |
| OM0567 | UN0567 | Copper | NS | 240 | 240 | 240 | 200+ | NS | NS | NS |
| OM0574 | N/A | Summer Bronze | **200+ | 280 | 260+ | 260+ | 200+ | 265 | 280 | 300 |
| OM0701 | UN0701 | Silver | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM0739 | UN0739 | Pewter | 200+ | 280+ | 260+ | 280+ | 200+ | 300+ | 280+ | 300+ |
| OM1268 | UN1268 | FL Yellow | *200+ | NS | 260+ | 260+ | NS | 300 | NS | 300 |
| OM2266 | N/A | FL Orange # | *200+ | NS | 260+ | 260+ | NS | 265 | NS | 300 |
| OM3752 | UN3752 | FL Pink # | *200+ | NS | 260+ | 260+ | NS | 300 | NS | 300 |
| OM6941 | UN6941 | FL Green # | *200+ | NS | 260+ | 260+ | NS | 300 | NS | 300 |
| OM1011TR | N/A | TR Yellow# | *200+ | NS | 260+ | 260+ | NS | 265 | NS | 300 |
| OM1833TR | N/A | TR Lime # | *200+ | NS | 260+ | 260+ | NS | 265 | NS | 300 |
| OM1846TR | N/A | Yellow Edge Glow # | *200+ | NS | 260+ | 260+ | NS | 265 | NS | 280 |
| OM2034TR | UN2034TR | TR Amber # | *200+ | NS | 260 | 280 | NS | 300 | NS | 300 |
| OM2294TR | N/A | Orange Edge Glow # | *200+ | NS | 260+ | 260+ | NS | 265 | NS | 280 |
| OM3012TR | UN3012TR | TR Red # | *200+ | NS | 260+ | 260 | NS | 300 | NS | 300 |
| OM5016TR | UN5016TR | TR Blue # | *200+ | NS | 260+ | 260 | NS | 280 | NS | 280 |
| OM6881TR | UN6881TR | TR Green # | *200+ | NS | 260+ | 260 | NS | 300 | NS | 300 |
| OM7903TR | UN7903TR | TR Grey | *200+ | 280+ | 260+ | 280+ | 200+ | 300 | 280+ | 300 |
| OM33052TR | N/A | TR Claret # | *200+ | NS | 260+ | 260+ | NS | 265 | NS | 280 |
| OM33055TR | N/A | Pink Edge Glow # | *200+ | NS | 260+ | 260+ | NS | NS | NS | 300 |

TEMPERATURE CONVERSION TABLE

| | | | | | | |
|----|-----|-----|-----|-----|-----|-----|
| °C | 200 | 220 | 240 | 260 | 280 | 300 |
| °F | 392 | 428 | 464 | 500 | 536 | 572 |

**RECOMMENDED MAXIMUM PROCESSING TEMPERATURES FOR OMNICOLOR
IN SELECTED POLYMERS IN °C**

| UK COLOR NO. | US COLOR NO. | COLOR | PVC | PE/PP/PUR | PS | ABS | ACETAL | PBT | NYLON | PC/PES |
|-----------------|-----------------|----------------|--------|-----------|------|------|--------|------|-------|--------|
| OM55488TR | N/A | TR Amethyst # | *200+ | NS | 260+ | 260+ | NS | 265+ | NS | 300 |
| OM89050TR | N/A | TR Brown | NS | NS | 260+ | 280+ | NS | 265 | NS | 300 |
| OM0279HT | N/A | Diamond White | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM0447HT | N/A | Cumulus | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM1739HT | N/A | Melon Yellow # | *200+ | NS | 260+ | 260+ | NS | 265 | 300+ | 300+ |
| OM1740HT | N/A | Pineapple # | *200+ | NS | NS | 260+ | NS | 265 | 300+ | 300+ |
| OM1829HT | N/A | Hornet # | *200+ | NS | NS | 260+ | NS | 265 | 300+ | 300+ |
| OM2264HT | N/A | Fresh Orange # | *200+ | NS | NS | NS | NS | 265 | 300+ | 300+ |
| OM3930HT | N/A | Deep Red # | *200+ | NS | 260+ | 260+ | NS | 265 | 300+ | 300+ |
| OM3940HT | N/A | Sunset # | *200+ | NS | NS | NS | NS | 265 | 300+ | 300+ |
| OM4217HT | N/A | Claret # | *200+ | NS | 260+ | 260+ | NS | 265 | 300+ | 300+ |
| OM33049HT | N/A | Lava # | *200+ | NS | NS | NS | NS | 265 | 300 | 300 |
| OM33050HT | N/A | Poinsettia # | *200+ | NS | NS | NS | NS | 265 | 300 | 300 |
| OM66148HT | N/A | Mid Green | 200+ | 280+ | 260+ | 260+ | 200+ | 265 | 300+ | 300+ |
| OM66294HT | N/A | Forest Green # | NS | NS | NS | NS | NS | 265 | 280+ | 300+ |
| OM66295HT | N/A | Astro # | *200+ | NS | 260+ | 280+ | NS | 265 | 280+ | 300+ |
| OM77323HT | N/A | Dolphin | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM77324HT | N/A | Slate | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM0038 | N/A | Value White | 200+ | 260+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM0246 | N/A | Stone Effect | 200+ | 260 | 280 | 280+ | NS | 265 | 280 | 300 |
| OM0299 | N/A | Pearl | 200+ | 260+ | 260+ | 280+ | 200+ | 265 | 280 | 300 |
| OM0589 | N/A | Metallic Sand | 200+ | 280 | 260+ | 280+ | 200+ | 265 | 300 | 300 |
| OM0590 | N/A | Autumn Gold | 200+ | 280 | 260+ | 260 | 200+ | 255 | NS | NS |
| OM0592 | N/A | Tropical Pearl | 200+ | 260 | 260 | 260 | 200+ | 250 | NS | NS |
| OM0593 | N/A | Inca Gold | 200+ | 280 | 260+ | 280+ | 200+ | 250 | 280 | 280 |
| OM0797TR | N/A | Sparkle | 200+ | NS | 280 | 280 | 200 | 265 | 280 | 300 |
| OM1339 | N/A | Value Yellow | 200+ | 280 | 280 | 280+ | 200+ | 265 | 280 | 300 |
| OM5972 | N/A | Value Blue | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM9074 | N/A | Odyssey | 200+ | 280 | 260+ | 280+ | 200+ | 265 | 300 | 300 |
| OM33074 | N/A | Spanish Earth | 200+ | 280 | 260 | 260 | 200+ | 250 | NS | NS |
| OM33075 | N/A | Sunset Pearl | 200+ | 280 | 260 | 260 | 200+ | 250 | NS | NS |
| OM33100TR | N/A | Pink Sparkle | NS | NS | 260 | 260 | NS | NS | NS | NS |
| OM33111 | N/A | Value Red | 200+ | 240 | 220+ | NS | 200+ | NS | NS | NS |
| OM55559 | N/A | Soft Lilac | 200+ | 280 | 260 | 250 | 200+ | 265 | NS | 280 |
| OM55561 | N/A | Atlantic Pearl | 200+ | 280 | 260+ | 280 | 200+ | 265 | 280 | 280 |
| OM55563 | N/A | Midnight Satin | 200+ | 280 | 260+ | 280 | 200+ | 265 | 200 | 280 |
| OM55564 | N/A | Frost Bite | 200+ | 280 | 260 | 260 | 200+ | 265 | NS | 280 |
| OM55565 | N/A | Winter Wind | 200+ | 280 | 260+ | 280+ | 200+ | 265 | 280 | 300 |
| OM55566 | N/A | Mirage | 200+ | 280 | 260 | 260 | 200+ | 265 | NS | 280 |
| OM55567 | N/A | Purple Silk | 200+ | 260 | 250 | 250 | 200+ | NS | NS | NS |
| OM55666TR | N/A | Blue Sparkle | NS | NS | 260+ | 260+ | NS | 265 | NS | 280 |
| OM55700TR | N/A | Violet Sparkle | NS | NS | 260 | 260 | NS | 265 | NS | 300 |
| OM66302 | N/A | Bottle Green | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | NS | 300+ |
| OM66344 | N/A | Arctic Moss | 200+ | 280 | 260+ | 280+ | 200+ | 265 | 280 | 300 |
| OM66345 | N/A | Grape | 200+ | 280 | 260+ | 270 | 200+ | 260 | NS | 280 |
| OM66380 | N/A | Value Green | 200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |
| OM77450 | N/A | Value Grey | **200+ | 280+ | 260+ | 280+ | 200+ | 265 | 280+ | 300+ |

NOTES

- * Suitable for use in all PVC except plasticized PVC.
- ** Suitable for use in all PVC except tin stabilized PVC.





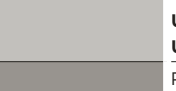




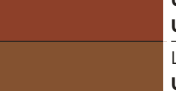

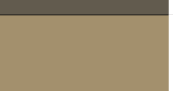
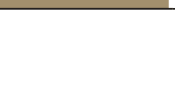
+ Potential use at temperatures above those indicated.

NS Not suitable for use in polymer indicated.


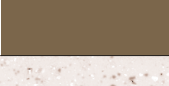
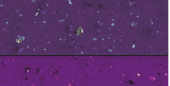
Contains dyestuff which will migrate from PE/PP and all other polyolefins.

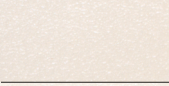

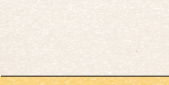








OMNICOLOR® COLOR CHART

| COLOR | COLOR | COLOR | COLOR |
|---|---|--|---|
| White UK OM0001 Stock US UN0001 | Sherbert Lemon UK OM1753 US Not Available | Flame Red UK OM3820 Stock US UN3820 | Aubergine UK : OM4211 US UN4211 |
| BrightWhite UK OM0005 Stock US UN0005 | Linen UK OM1831 US Not Available | Lobster Red UK OM3849 Stock US UN3849 | Cerise UK OM4219 US Not Available |
| PolarWhite UK OM0330 Stock US UN0330 | Buttermilk UK OM1832 US Not Available | Tomato Red UK OM3850 Stock US UN3850 | Sky Blue UK OM5001 Stock US UN5001 |
| Coconut UK OM0332 Stock US UN0332 | Chick UK OM1834 US Not Available | Fuchsia UK OM3853 US UN3853 | Powder Blue UK OM5009 Stock US UN5009 |
| Magnolia UK OM1275 Stock US UN1275 | Custard UK OM1839 US Not Available | Admiral Red UK OM3856 US UN3856 | Mid Blue UK OM5011 Stock US UN5011 |
| Vanilla UK OM1293 Stock US UN1293 | Yolk UK OM1845 US Not Available | Cardinal Red UK OM3861 Stock US UN3861 | Royal Blue UK OM5027 Stock US UN5027 |
| Sunflower Yellow UK OM1625 Stock US UN1625 | Seville Orange UK OM2239 Stock US UN2239 | Fire Engine Red UK OM3864 US UN3864 | Pale Blue UK OM5034 Stock US UN5034 |
| Daffodil Yellow UK OM1637 Stock US UN1637 | Mandarin Orange UK OM2243 US UN2243 | Rocket Red UK OM3872 Stock US UN3872 | Navy Blue UK OM5065 US UN5065 |
| Citrus UK OM1690 Stock US UN1690 | Pumpkin UK OM2250 Stock US UN2250 | Raspberry UK OM3879 US UN3879 | Ultra Blue UK OM5179 Stock US UN5179 |
| Banana UK OM1693 Stock US UN1693 | Nectarine UK OM2252 Stock US UN2252 | Brilliant Red UK OM3947 Stock US Not Available | Pacific Blue UK OM5485 Stock US UN5485 |
| Jasmine UK OM1696 US UN1696 | Carrot UK OM2291 US Not Available | Poppy Red UK OM3951 US Not Available | Baby Blue UK OM5982 US UN5982 |
| Canary Yellow UK OM1700 Stock US UN1700 | Strawberry Red UK OM3223 Stock US UN3223 | Valentine Red UK OM3955 US Not Available | Purple UK OM55094 Stock US UN55094 |
| Marigold UK OM1702 US UN1702 | Rose Pink UK OM3364 US UN3364 | Bubblegum Pink UK OM3958 US Not Available | Ice Blue UK OM55157 US UN55157 |
| Ivory UK OM1704 Stock US UN1704 | Flesh Pink UK OM3513 US UN3513 | Ruby UK OM33053 US Not Available | Midnight Blue UK OM55160 US UN55160 |
| Cream UK OM1707 US UN1707 | Cherry Red UK OM3788 US UN3788 | Burgundy UK OM4043 Stock US UN4043 | Cornflower Blue UK OM55162 Stock US UN55162 |
| Sol Yellow UK OM1751 Stock US Not Available | Pastel Pink UK OM3801 US UN3801 | Mulberry UK OM4204 Stock US UN4204 | Baltic Blue UK OM55171 Stock US UN55171 |

| COLOR | | COLOR | | COLOR | | COLOR | |
|---|--|---|---|--|--|---|--|
|  | African Violet UK OM55302 US Not Available |  | Olive Green UK OM66100 US UN66100 |  | Cloud Grey UK OM77000 Stock US UN77000 |  | Toffee UK OM88721 US UN88721 |
|  | Mistral UK OM55484 US Not Available |  | Pod Green UK OM66159 US Not Available |  | Mink UK OM77007 US UN77007 |  | Honey Beige UK OM88723 Stock US UN88723 |
|  | Lavender UK OM55497 Stock US Not Available |  | Ocean Green UK OM66161 US Not Available |  | Dusk UK OM77013 US UN77013 |  | Chestnut Brown UK OM88726 US UN88726 |
|  | Bluebell UK OM55500 US Not Available |  | Dewdrop UK OM66301 US Not Available |  | Putty UK OM77140 US Not Available |  | Beige UK OM88729 Stock US UN88729 |
|  | Lilac UK OM55502 US Not Available |  | Grass Green UK OM66303 US Not Available |  | Storm Grey UK OM77142 Stock US Not Available |  | Fudge UK OM88820 US Not Available |
|  | Aqua UK OM6037 US Not Available |  | Lettuce Green UK OM66306 US Not Available |  | Vapour UK OM77326 US Not Available |  | Demerara UK OM88833 Stock US Not Available |
|  | Alpine Green UK OM6969 STOCK US UN6969 |  | Apple Green UK OM66307 US Not Available |  | Pigeon UK OM77327 US Not Available |  | Sandstone UK OM88942 US Not Available |
|  | Spearmint Green UK OM6985 STOCK US UN6985 |  | Light Grey UK OM7002 Stock US UN7002 |  | Shark UK OM77330 US Not Available |  | Deep Black UK OM0055 Stock US UN0055 |
|  | Leaf Green UK OM6994 Stock US UN6994 |  | Dark Grey UK OM7020 Stock US UN7020 |  | Chocolate Brown UK OM8004 Stock US UN8004 |  | Ebony UK OM0086 US UN0086 |
|  | Fern Green UK OM66070 Stock US UN66070 |  | Ash Grey UK OM7021 Stock US UN7021 |  | Terracotta UK OM8005 Stock US UN8005 |  | Onyx UK OM0093 Stock US Not Available |
|  | Springtime UK OM66072 US UN66072 |  | Mid Grey UK OM7053 Stock US UN7053 |  | Light Brown UK OM8018 Stock US UN8018 | | |
|  | Racing Green UK OM66075 Stock US UN66075 |  | Dove Grey UK OM7378 Stock US UN7378 |  | Mushroom UK OM8021 US UN8021 | | |
|  | Fresh Green UK OM66083 Stock US UN66083 |  | Soft Grey UK OM7759 Stock US UN7759 |  | Mid Brown UK OM8029 Stock US UN8029 | | |
|  | Sage Green UK OM66087 Stock US UN66087 |  | Graphite UK OM7994 Stock US UN7994 |  | Dark Brown UK OM8142 Stock US UN8142 | | |
|  | Marine Blue UK OM66088 US UN66088 |  | Moonstone UK OM7996 US UN7996 |  | Mahogany UK OM8332 Stock US UN8332 | | |
|  | Lime Green UK OM66099 US UN66099 |  | Pebble UK OM7999 US UN7999 |  | Rosewood UK OM8399 US UN8399 | | |

















OMNICOLOR® COLOR CHART

| VALUE RANGE US: Not Available | | | | | | | |
|---|---------------------------------------|---|--|---|---------------------------------------|---|---|
|  | Value White UK OM0038 Stock |  | Value Yellow UK OM1339 Stock |  | Atlantic Pearl UK OM55561 |  | Bottle Green UK OM66302 Stock |
|  | Stone Effect UK OM0246 |  | Value Blue UK OM5972 |  | Midnight Satin UK OM55563 |  | Arctic Moss UK OM66344 |
|  | Pearl UK OM0299 |  | Odyssey UK OM9074 Stock |  | Frost Bite UK OM55564 |  | Grape UK OM66345 |
|  | Metallic Sand UK OM0589 |  | Spanish Earth UK: OM33074 |  | Winter Wind UK OM55565 |  | Value Green UK OM66380 Stock |
|  | Autumn Gold UK OM0590 |  | Sunset Pearl UK OM33075 |  | Mirage UK OM55566 |  | Value Grey UK OM77450 |
|  | Tropical Pearl UK OM0592 |  | Pink Sparkle UK OM33100TR |  | Purple Silk UK OM55567 | | |
|  | Inca Gold UK OM0593 Stock |  | Value Red UK OM33111 |  | Blue Sparkle UK OM55666TR | | |
|  | Sparkle UK OM0797TR |  | Soft Lilac UK OM55559 |  | Violet Sparkle UK OM55700TR | | |

| PEALESCENTS US: Not Available | METALLICS | FLUORESCENTS | |
|---|--|--|---|
|  | Gold UK OM0541 US UN0541 |  | Fluorescent Yellow UK OM1268 US UN1268 |
|  | Aztec Gold UK OM0548 Stock US UN0548 |  | Fluorescent Orange UK OM2266 US Not Available |
|  | Copper UK OM0567 US UN0567 |  | Fluorescent Pink UK OM3752 US UN3752 |
|  | Summer Bronze UK OM0574 US Not Available |  | Fluorescent Green UK OM6941 US UN6941 |
|  | Silver UK OM0701 Stock US UN0701 | | |
|  | Pewter UK OM0739 US UN0739 | | |
|  | | | |

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| UN PLUS US: Not Available | | | |
|---|--|---|---|
|  | Diamond White UK OM0279HT Stock |  | Claret UK OM4217HT |
|  | Cumulus UK OM0447HT |  | Lava UK OM33049HT |
|  | Melon Yellow UK OM1739HT Stock |  | Poinsettia UK OM33050HT |
|  | Pineapple UK OM1740HT |  | Mid Green UK OM66148HT Stock |
|  | Hornet UK OM1829HT Stock |  | Forest Green OM66294HT Stock |
|  | Fresh Orange UK OM2264HT Stock |  | Astro UK OM66295HT Stock |
|  | Deep Red UK OM3930HT Stock |  | Dolphin UK OM77323HT |
|  | Sunset UK OM3940HT Stock |  | Slate UK OM77324HT |

A global color technology leader, Clariant offers the industry's broadest range of high-performance masterbatches for plastics, including OMNIColor® universal color masterbatches; REMAFIN® masterbatches for polyolefins; RENOL® masterbatches for engineering resins, styrenics and PVC; CESA® additive masterbatches; HYDROCEROL® chemical foaming and nucleating agents; and ENIGMA™ special effects. These products are widely specified in the packaging, automotive, durable goods, housewares, office automation, electrical, and other major industries.

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Clariant also continues to drive new dimensions in color creativity. Through its global ColorWorks™ design services network, inspiration and technology meld together, helping customers strengthen brand recognition, enhance new product development and accelerate speed to market.

Additional information about Clariant products and technical support is available from all our global facilities. Start a dialog with the experts at the Clariant location nearest you.

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