

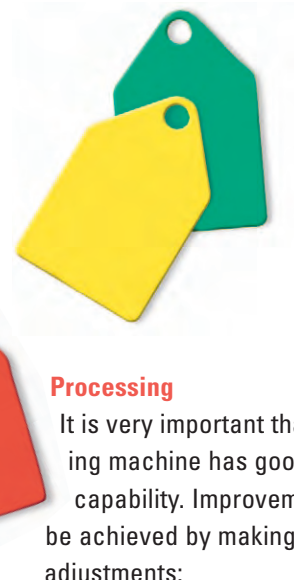
Masterbatches



Exactly your chemistry.

Consistently Beautiful
**OMNICOLOR® Multipurpose
Masterbatches**

OMNICOLOR® Multipurpose Color Concentrates



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

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%		

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 heavy-metal-free pigments that will perform well in a wide range of polymers under most processing conditions.

Food and Toy Regulations

OMNICOLOR masterbatches are available for food contact and toy applications, although the stock range is not specifically formulated for FDA compliance. Customers must check with their supplier before using any OMNICOLOR masterbatch for any food contact applications. OMNICOLOR masterbatches are not suitable for primary pharmaceutical, cosmetic or medical applications. Detailed statements relating to compliance with EU and US legislation and standards are available upon request from productsafetyuk@clariant.com.

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, Troubleshooting and Cost Calculation

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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How to Calculate Your Coloring Costs

$$\frac{\text{Cost/lb. of Concentrate} - \text{Cost/lb. of Resin}}{\text{Let-Down Ratio} + 1} = \text{Coloring Cost}$$

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 +44 1942 296 200 in the UK.



NOTICE:

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.

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+	265	280+	300+	
OM0005	UN0005	Bright White	200+	260	260+	260	200+	265	NS	300+	
OM0330	UN0330	Polar White	200+	280+	260+	280+	200+	265	280+	300+	
OM0332	UN0332	Coconut	200+	280+	260+	280+	200+	265	280+	300+	
OM1275	UN1275	Magnolia	**200+	280+	260+	280+	200+	265	280+	300+	
OM1293	UN1293	Vanilla	**200+	280+	260+	280+	200+	265	280+	300+	
OM1625	UN1625	Sunflower Yellow	200+	280	260	260	200+	265	NS	280	
OM1637	UN1637	Daffodil Yellow	200	240	220	NS	NS	NS	NS	NS	
OM1690	UN1690	Citrus #	*200+	NS	260	250	NS	265	NS	280+	
OM1693	UN1693	Banana	*200+	NS	260	260	NS	265	NS	280+	
OM1696	UN1696	Jasmine	200+	280	260	260	200+	265	NS	280+	
OM1700	UN1700	Canary Yellow	200+	280	260	260	200+	250+	NS	280	
OM1702	UN1702	Marigold #	*200+	NS	260+	260+	NS	265	NS	300	
OM1704	UN1704	Ivory	**200+	280+	260+	280+	200+	265	280+	300+	
OM1707	UN1707	Cream	200+	280+	260+	260+	200+	265	280+	300+	
OM1751	N/A	Sol Yellow	200+	280	260	260	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+	250+	NS	NS	
OM2243	UN2243	Mandarin Orange	200	240	220	NS	NS	NS	NS	NS	
OM2250	UN2250	Pumpkin	200+	280	260	240	200+	250+	NS	NS	
OM2252	UN2252	Nectarine #	*200+	NS	260+	260+	NS	265	NS	300	
OM2291	N/A	Carrot	200+	280	260	280	200+	NS	NS	NS	
OM3223	UN3223	Strawberry Red	200+	280	260	260	200+	250+	NS	NS	
OM3364	UN3364	Rose Pink	200+	280	260	260	200+	250	NS	NS	
OM3513	UN3513	Flesh Pink	**200+	280	260	260	200+	250	NS	NS	
OM3788	UN3788	Cherry Red	200+	280	260	260	200+	250+	NS	NS	
OM3801	UN3801	Pastel Pink	200+	280	260	260	200+	250+	NS	NS	
OM3820	UN3820	Flame Red	*200	NS	220	NS	NS	NS	NS	NS	
OM3849	UN3849	Lobster Red	200	260	220	NS	NS	NS	NS	NS	
OM3850	UN3850	Tomato Red	200+	280	260	260	200+	250+	NS	280	
OM3855	UN3855	Peckish	200	260	220	NS	NS	NS	NS	NS	
OM3856	UN3856	Admiral Red #	*200+	NS	260+	260+	NS	265	NS	300	
OM3861	UN3861	Cardinal Red	200+	280	260	260	200+	265	NS	280	
OM3864	UN3864	Fire Engine Red #	*200+	NS	260+	260	NS	265	NS	300	
OM3872	UN3872	Rocket Red	*200	NS	220	NS	NS	NS	NS	NS	
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	265	NS	280	
OM4211	UN4211	Aubergine #	*200+	NS	260	260	NS	265	NS	280	
OM4219	N/A	Cerise	200+	280	260	260	200+	250+	NS	NS	

		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+	265	280	280	
OM5009	UN5009	Powder Blue	200+	280+	260+	280+	200+	265	280+	300	
OM5011	UN5011	Mid Blue	200+	280+	260+	280+	200+	265	280+	300	
OM5027	UN5027	Royal Blue	200+	240	220	NS	200	250	NS	NS	
OM5034	UN5034	Pale Blue	200+	280+	260+	280+	200+	265	280+	300	
OM5065	UN5065	Navy Blue	200+	280+	260+	280+	200+	265	280+	300	
OM5179	UN5179	Ultra Blue	200+	280+	260+	280+	200+	265	280+	300+	
OM5485	UN5485	Pacific Blue	200+	280+	260+	280+	200+	265	280+	300	
OM5982	UN5982	Baby Blue	200+	260+	260+	280+	200+	265	280+	300	
OM55094	UN55094	Purple	200+	260	240	240	200+	250	NS	NS	
OM55157	UN55157	Ice Blue	200+	280+	260+	280+	200+	265	280+	300	
OM55160	UN55160	Midnight Blue #	*200+	NS	260	260	NS	265	NS	300	
OM55162	UN55162	Cornflower Blue	200+	280+	260+	280+	200+	265	280+	300	
OM55171	UN55171	Baltic Blue	200+	260+	240+	240+	200+	250+	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+	250+	NS	280	
OM6985	UN6985	Spearmint Green	200+	280+	260+	280+	200+	265	280+	300	
OM6994	UN6994	Leaf Green	200	240	220	NS	NS	NS	NS	NS	
OM66070	UN66070	Fern Green	200+	280	260	260	200+	250+	NS	280	
OM66072	UN66072	Springtime	200+	280	260	260	200+	250+	NS	280	
OM66075	UN66075	Racing Green	200+	280	260	260	200+	265	NS	280+	
OM66083	UN66083	Fresh Green	200+	280	260	260	200+	250+	NS	280	
OM66087	UN66087	Sage Green	200+	280	260	260	200+	250+	NS	280	
OM66088	UN66088	Marine Blue	200+	280	260	260	200	250+	NS	280	
OM66089	UN66089	Lime Green	200	NS	260	260	NS	NS	NS	NS	
OM66100	UN66100	Olive Green	200+	280+	260+	260+	200+	NS	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+	265	280+	300+	
OM7020	UN7020	Dark Grey	200+	280+	260+	280+	200+	265	280+	300+	
OM7021	UN7021	Ash Grey	200+	280+	260+	280+	200+	265	280+	300+	
OM7053	UN7053	Mid Grey	200+	280+	260+	280+	200+	265	280+	300+	
OM7378	UN7378	Dove Grey	200+	280+	260+	280+	200+	265	280+	300+	
OM7759	UN7759	Soft Grey	200+	280+	260+	280+	200+	265	280+	300+	
OM7994	UN7994	Graphite	200+	280+	260+	280+	200+	265	280	300	
OM7998	UN7998	Maroon	200	260	260	260	200	265	280	300	
OM7999	UN7999	Pebble	**200+	280+	260+	280+	200+	265	280+	300+	
OM77000	UN77000	Cloud Grey	200+	280+	260+	280+	200+	265	280+	300+	
OM77007	UN77007	Mink	**200+	280+	260+	280+	200+	265	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	

		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+	265	280+	300+
OM8005	UN8005	Terracotta	**200+	280+	260+	280+	200+	265	280+	300+
OM8018	UN8018	Light Brown	**200+	280+	260+	280+	200+	265	280	300+
OM8021	UN8021	Mushroom	**200+	280+	260+	280+	200+	265	280+	300+
OM8029	UN8029	Mid Brown	**200+	280+	260+	280+	200+	265	280+	300+
OM8142	UN8142	Dark Brown	**200+	280+	260+	280+	200+	265	280+	300+
OM8332	UN8332	Mahogany	**200+	280+	260+	280+	200+	265	280+	300+
OM8399	UN8399	Rosewood	**200+	280+	260+	280+	200+	265	280+	300+
OM88721	UN88721	Toffee	**200+	280+	260+	280+	200+	265	280+	300+
OM88723	UN88723	Honey Beige	**200+	280+	260+	280+	200+	265	280+	300+
OM88726	UN88726	Chestnut Brown	**200+	280	260	260	200+	265	NS	280+
OM88729	UN88729	Beige	**200+	280+	260+	260+	200+	265	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	265	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+
OM7650	N/A	Straw Pearl	200+	280+	260+	260+	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+
OM3953	N/A	Arctic Pearl	200+	280+	260+	260+	200+	265	280+	300+
OM66887	N/A	Mint Pearl	200+	280+	260+	260+	200+	265	280+	300+
OM0541	UN0541	Gold	NS	240	240	240	200+	NS	NS	NS
OM0548	UN0548	Aztec Gold #	*200+	NS	260	260	NS	265	NS	300
OM0567	UN0567	Copper	NS	240	240	240	200+	NS	NS	NS
OM8874	N/A	Summer Bronze	**200+	280	260	260	200+	265	280	300
OM0701	UN0701	Silver	200+	280+	260+	280+	200+	265	280+	300+
OM0739	UN0739	Pewter	200+	280+	260+	280+	200+	265	280+	300+
OM1268	UN1268	FL Yellow	*200+	NS	260+	260+	NS	265	NS	300
OM2266	N/A	FL Orange #	*200+	NS	260+	260+	NS	265	NS	300
OM3752	UN3752	FL Pink #	*200+	NS	260+	260+	NS	265	NS	300
OM6941	UN6941	FL Green #	*200+	NS	260+	260+	NS	265	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	265	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	265	NS	300
OM5016TR	UN5016TR	TR Blue #	*200+	NS	260+	260	NS	265	NS	280
OM6881TR	UN6881TR	TR Green #	*200+	NS	260+	260	NS	265	NS	300
OM7903TR	UN7903TR	TR Grey	*200+	280+	260+	280+	200+	265	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

		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+
OM0240	N/A	Stone Effect	200+	280	260	260+	NS	265	280	300
OM0295	N/A	Pearl	200+	280+	260+	260+	200+	265	280	300
OM0590	N/A	Metallic Gold	200+	280	260	260	200+	265	280	300
OM0590	N/A	Autumn Gold	200+	280	260+	260	200+	250	NS	NS
OM0592	N/A	Tropical Pearl	200+	280	260	260	200+	260	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
OM00399	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+

TEMPERATURE CONVERSION TABLE

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

* Suitable for use in all PVC except plasticized PVC.

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

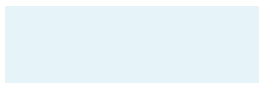
+ Potential use at temperatures above those indicated.

NS Not suitable for use in polymer indicated.

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

OMNIColor® Color Chart

 White UK: OM0001 Stock US: UN0001	 Ivory UK: OM1704 Stock US: UN1704	 Carrot UK: OM2291 US: Not Available	 Rocket Red UK: OM3872 Stock US: UN3872	 Mid Blue UK: OM5011 Stock US: UN5011
 Bright White UK: OM0005 Stock US: UN0005	 Cream UK: OM1707 US: UN1707	 Strawberry Red UK: OM3223 Stock US: UN3223	 Raspberry UK: OM3879 US: UN3879	 Royal Blue UK: OM5027 Stock US: UN5027
 Polar White UK: OM0330 Stock US: UN0330	 Sol Yellow UK: OM1751 Stock US: Not Available	 Rose Pink UK: OM3364 US: UN3364	 Brilliant Red UK: OM3947 Stock US: Not Available	 Pale Blue UK: OM5034 Stock US: UN5034
 Coconut UK: OM0332 Stock US: UN0332	 Sherbert Lemon UK: OM1753 US: Not Available	 Flesh Pink UK: OM3513 US: UN3513	 Poppy Red UK: OM3951 US: Not Available	 Navy Blue UK: OM5065 US: UN5065
 Magnolia UK: OM1275 Stock US: UN1275	 Linen UK: OM1831 US: Not Available	 Cherry Red UK: OM3788 US: UN3788	 Valentine Red UK: OM3955 US: Not Available	 Ultra Blue UK: OM5179 Stock US: UN5179
 Vanilla UK: OM1293 Stock US: UN1293	 Buttermilk UK: OM1832 US: Not Available	 Pastel Pink UK: OM3801 US: UN3801	 Bubblegum Pink UK: OM3958 US: Not Available	 Pacific Blue UK: OM5485 Stock US: UN5485
 Sunflower Yellow UK: OM1625 Stock US: UN1625	 Chick UK: OM1834 US: Not Available	 Flame Red UK: OM3820 Stock US: UN3820	 Ruby UK: OM33053 US: Not Available	 Baby Blue UK: OM5982 US: UN5982
 Daffodil Yellow UK: OM1637 Stock US: UN1637	 Custard UK: OM1839 US: Not Available	 Lobster Red UK: OM3849 Stock US: UN3849	 Burgundy UK: OM4043 Stock US: UN4043	 Purple UK: OM55094 Stock US: UN55094
 Citrus UK: OM1690 Stock US: UN1690	 Yolk UK: OM1845 US: Not Available	 Tomato Red UK: OM3850 Stock US: UN3850	 Mulberry UK: OM4204 Stock US: UN4204	 Ice Blue UK: OM55157 US: UN55157
 Banana UK: OM1693 Stock US: UN1693	 Seville Orange UK: OM2239 Stock US: UN2239	 Fuchsia UK: OM3859 US: UN3859	 Aubergine UK: OM4211 US: UN4211	 Midnight Blue UK: OM55160 US: UN55160
 Jasmine UK: OM1696 US: UN1696	 Mandarin Orange UK: OM2243 US: UN2243	 Admiral Red UK: OM3856 US: UN3856	 Cerise UK: OM4219 US: Not Available	 Cornflower Blue UK: OM55162 Stock US: UN55162
 Canary Yellow UK: OM1700 Stock US: UN1700	 Pumpkin UK: OM2250 Stock US: UN2250	 Cardinal Red UK: OM3861 Stock US: UN3861	 Sky Blue UK: OM5001 Stock US: UN5001	 Baltic Blue UK: OM55171 Stock US: UN55171
 Marigold UK: OM1702 US: UN1702	 Nectarine UK: OM2252 Stock US: UN2252	 Fire Engine Red UK: OM3864 US: UN3864	 Powder Blue UK: OM5009 Stock US: UN5009	 African Violet UK: OM55302 US: Not Available



Mistral
UK: OM55484
US: Not Available



Marine Blue
UK: OM66088
US: UN66088



Dove Grey
UK: OM7378 **Stock**
US: UN7378



Chocolate Brown
UK: OM8004 **Stock**
US: UN8004



Honey Beige
UK: OM88723 **Stock**
US: UN88723



Lavender
UK: OM55497 **Stock**
US: Not Available



~~Lime Green~~
UK: OM66000
US: UN66000



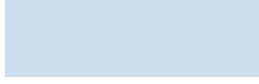
Soft Grey
UK: OM7759 **Stock**
US: UN7759



Terracotta
UK: OM8005 **Stock**
US: UN8005



Chestnut Brown
UK: OM88726
US: UN88726



Bluebell
UK: OM55500
US: Not Available



Olive Green
UK: OM66100
US: UN66100



Graphite
UK: OM7994 **Stock**
US: UN7994



Light Brown
UK: OM8018 **Stock**
US: UN8018



Beige
UK: OM88729 **Stock**
US: UN88729



Lilac
UK: OM55502
US: Not Available



Pod Green
UK: OM66159
US: Not Available



~~Moonstone~~
UK: OM7990
US: UN7990



Mushroom
UK: OM8021
US: UN8021



Fudge
UK: OM88820
US: Not Available



Aqua
UK: OM6037
US: Not Available



Ocean Green
UK: OM66161
US: Not Available



Pebble
UK: OM7999
US: UN7999



Mid Brown
UK: OM8029 **Stock**
US: UN8029



Demerara
UK: OM88833 **Stock**
US: Not Available



Alpine Green
UK: OM6969 **Stock**
US: UN6969



Dewdrop
UK: OM66301
US: Not Available



Cloud Grey
UK: OM77000 **Stock**
US: UN77000



Dark Brown
UK: OM8142 **Stock**
US: UN8142



Sandstone
UK: OM88942
US: Not Available



Spearmint Green
UK: OM6985 **Stock**
US: UN6985



Grass Green
UK: OM66303
US: Not Available



Mink
UK: OM77007
US: UN77007



Mahogany
UK: OM8332 **Stock**
US: UN8332



Deep Black
UK: OM0055 **Stock**
US: UN0055



Leaf Green
UK: OM6994 **Stock**
US: UN6994



Lettuce Green
UK: OM66306
US: Not Available



Dusk
UK: OM77013
US: UN77013



Rosewood
UK: OM8399
US: UN8399



Ebony
UK: OM0086
US: UN0086



Fern Green
UK: OM66070 **Stock**
US: UN66070



Apple Green
UK: OM66307
US: Not Available



Putty
UK: OM77140
US: Not Available



Toffee
UK: OM88721
US: UN88721



Onyx
UK: OM0093 **Stock**
US: Not Available



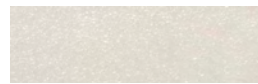
Springtime
UK: OM66072
US: UN66072



Light Grey
UK: OM7002 **Stock**
US: UN7002



Storm Grey
UK: OM77142 **Stock**
US: Not Available



Pearl White
UK: OM0174
US: Not Available



Azure Blue
UK: OM55483
US: Not Available



Racing Green
UK: OM66075 **Stock**
US: UN66075



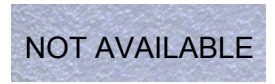
Dark Grey
UK: OM7020 **Stock**
US: UN7020



Vapour
UK: OM77326
US: Not Available



Satin Pearl
UK: OM0448
US: Not Available



~~Azotic Pearl~~
UK: OM55495
US: Not Available



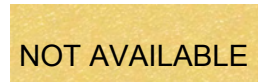
Fresh Green
UK: OM66083 **Stock**
US: UN66083



Ash Grey
UK: OM7021 **Stock**
US: UN7021



Pigeon
UK: OM77327
US: Not Available



~~Straw Pearl~~
UK: OM46200
US: Not Available



~~Mint Pearl~~
UK: OM66207
US: Not Available



Sage Green
UK: OM66087 **Stock**
US: UN66087



Mid Grey
UK: OM7053 **Stock**
US: UN7053



Shark
UK: OM77330
US: Not Available



Shrimp Pink
UK: OM33051
US: Not Available

PEARLESSENTS

PEARLESSENTS

METALLICS	METALLICS	METALLICS	FLUORESCENTS	FLUORESCENTS
Gold UK: OM0541 US: UN0541	Copper UK: OM0567 US: UN0567	Silver UK: OM0701 Stock US: UN0701	Fluorescent Yellow UK: OM1268 US: UN1268	Fluorescent Pink UK: OM3752 US: UN3752
Aztec Gold UK: OM0548 Stock US: UN0548	Summer Bronze UK: OM18574 US: Not Available	Pewter UK: OM0739 US: UN0739	Fluorescent Orange UK: OM2266 US: Not Available	Fluorescent Green UK: OM6941 US: UN6941
Value White UK: OM0038 Stock US: Not Available	Inca Gold UK: OM00593 Stock US: Not Available	Concave Pearl UK: OM33075 US: Not Available	Frost Bite UK: OM55564 US: Not Available	Bottle Green UK: OM66302 Stock US: Not Available
Stone Effect UK: OM0248 US: Not Available	Sparkle UK: OM0797TR US: Not Available	Pink Sparkle UK: OM33100TR US: Not Available	Winter Wind UK: OM55565 US: Not Available	Arctic Moss UK: OM66344 US: Not Available
Reed UK: OM0299 US: Not Available	Value Yellow UK: OM1339 Stock US: Not Available	Value Red UK: OM33111 US: Not Available	Mirage UK: OM55566 US: Not Available	Crope UK: OM66045 US: Not Available
Metallic Sand UK: OM0588 US: Not Available	Value Blue UK: OM5972 US: Not Available	Soft Lilac UK: OM55559 US: Not Available	Purple Silk UK: OM55567 US: Not Available	Value Green UK: OM66380 Stock US: Not Available
Autumn Gold UK: OM0588 US: Not Available	Odyssey UK: OM9074 Stock US: Not Available	Atlantic Pearl UK: OM55561 US: Not Available	Blue Sparkle UK: OM55666TR US: Not Available	Value Grey UK: OM77450 US: Not Available
Tropical Reed UK: OM0582 US: Not Available	Spanish Earth UK: OM18874 US: Not Available	Midnight Satin UK: OM55563 US: Not Available	Violet Sparkle UK: OM55700TR US: Not Available	
Diamond White UK: OM0279HT Stock US: Not Available	Hornet UK: OM1829HT Stock US: Not Available	Claret UK: OM4217HT US: Not Available	Forest Green UK: OM66294HT Stock US: Not Available	
Cumulus UK: OM0447HT US: Not Available	Fresh Orange UK: OM2264HT Stock US: Not Available	Lava UK: OM33049HT US: Not Available	Astro UK: OM66295HT Stock US: Not Available	
Melon Yellow UK: OM1739HT Stock US: Not Available	Deep Red UK: OM33930HT Stock US: Not Available	Poinsettia UK: OM33050HT US: Not Available	Dolphin UK: OM77323HT US: Not Available	
Pineapple UK: OM1740HT US: Not Available	Sunset UK: OM33940HT Stock US: Not Available	Mid Green UK: OM66148HT Stock US: Not Available	Slate UK: OM77324HT US: Not Available	

Clariant also offers ten transparent colors, as well as three transparent edge glow effects. See the processing chart in this publication for a complete listing of these colors and recommended polymers/maximum processing temperatures. For free color chip samples, please contact your Clariant representative.

A Partner in Innovation

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.

Clariant's in-depth market knowledge, formulation expertise and customer commitment are recognized worldwide. A global network of ISO 9000 facilities incorporates the most demanding manufacturing standards to ensure the quality and consistency of Clariant masterbatches wherever they are used.

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.

UK

Clariant Masterbatches UK Ltd.
Haslemere Industrial Estate
Bryn
Wigan, Lancashire WN4 0BZ
Tel: +44 1942 296 200
Fax: +44 800 783 7751

US

Clariant Masterbatches
85 Industrial Drive
Holden, MA 01520
Tel: +1 888 621 1282 (in US)
Tel: +1 508 829 6321
Fax: +1 508 829 7887

www.clariant.masterbatches.com

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Exactly your chemistry.