

Pigments for general industrial paints

Product selection guide



 **BASF**

The Chemical Company

Color space: Yellow

Our extensive range of yellow pigments allows for formulations from high-performance to cost-effective applications and meets the current trend in lead-free formulations. The portfolio consists of quinophthalone, benzimidazolone, isoindoline and isoindolinone organic pigments for high chromaticity and strength. Additionally our inorganic pigments bring to the formulator high opacity, chemical resistance and high temperature stability. Here we offer the bismuth vanadate range, CICPs and also hybrids.

Current name	Former name	Chemistry	Colour Index	Hiding power	System		
					solvent-based 1K polyurethane	solvent-based 2K polyurethane	solvent-based alkyd melamine
recommended products for industrial coatings							
Paliotol® Yellow L 0962 HD		quinophthalone	P.Y. 138	opaque	■	■	■
Sicotan® Yellow L 1010		Ni/Sb/Ti oxide	P.Y. 53	opaque	■	■	■
Cromophtal® Yellow L 1061 HD	Irgazin® Yellow 2088	benzimidazolone	P.Y. 151	opaque	■	■	■
Sicopal® Yellow L 1120		bismuth vanadate	P.Y. 184	opaque	■	■	■
Paliotan® Yellow L 1145		hybrid	-	opaque	■	■	■
Paliotan® Yellow L 2045		hybrid	-	opaque	■	■	■
Irgazin® Yellow L 2060	Irgazin® Yellow 3RLTN	isoindolinone	P.Y. 110	semi-transparent	■	■	■
Sicotan® Yellow L 2110		Cr/Sb/Ti oxide	P.Br. 24	opaque	■	■	■
Paliotol® Yellow L 2146 HD		isoindoline	P.Y. 139	opaque	■	■	■
products that find application in industrial coatings							
Irgazin® Yellow L 1030	Irgazin® Yellow 2GLTE	isoindolinone	P.Y. 109	opaque	■	■	■
Cromophtal® Yellow L 1060 HD	Paliotol® Yellow L 1060 HD	benzimidazolone	P.Y. 151	opaque	■	■	■
Cromophtal® Yellow L 1084 HD	Irgazin® Yellow 2084	benzimidazolone	P.Y. 154	semi-transparent	■	■	■
Irgalite® Yellow L 1254 HD	Sico® Yellow FR 1252	arylamide	P.Y. 74	opaque	■	□	-
Irgalite® Yellow L 1257	Irgalite® Yellow GO	arylamide	P.Y. 74	opaque	■	□	-
Sicopal® Yellow L 1600		bismuth vanadate	P.Y. 184	opaque	■	■	■
Paliotol® Yellow L 1820		isoindoline	P.Y. 139	transparent	■	■	■
Sicotan® Yellow L 1910		Cr/Sb/Ti oxide	P.Br. 24	opaque	■	■	■
Paliotol® Yellow L 1970		isoindoline	P.Y. 139	semi-transparent	■	■	■
Sicotan® Yellow L 2010		Cr/Sb/Ti oxide	P.Br. 24	opaque	■	■	■
Irgazin® Yellow L 2040	Irgazin® Yellow 2RLT	isoindolinone	P.Y. 110	transparent	■	■	■
Paliotol® Yellow L 2140 HD		isoindoline	P.Y. 139	opaque	■	■	■

■ recommended □ potential usage - not recommended

		Density (g/cm ³)	Oil absorption (g/100 g)	Temperature stability (°C)	Acid resistance	Alkali resistance	Overcoating	Fastness to weathering		
solvent- based epoxy	aqueous							full shade	1/3 standard depth	reduction ratio 1/3 standard depth
■	■	2.02	30	250	5	5	5	4 - 5	4	3
■	■	4.50	14	500	5	5	5	4 - 5	4 - 5	
-	-	1.54	50	200	5	5	4	4 d	4 - 5	3.4
■	■	5.30	32	180	5	5	5	4 - 5	4 - 5	1.3
■	■	3.90	31	200	5	5	5	4 - 5	4 - 5	1.9
□	□	3.60	37	200	5	5	5	4 - 5	4	2.1
■	■	1.78	40	> 200	5	5	5	4 d	4 - 5	2.7
■	■	4.30	13	500	5	5	5	4 - 5	4 - 5	0.3
□	□	1.72	50	200	5	5	5	4	4	3.8
■	■	1.84	45	> 200	5	5	5	3 - 4 d	3 - 4 d	2.4
-	-	1.48	55	200	5	2 - 3	4	4	4 - 5	2.9
■	■	1.59	43	> 200	5	5	5	5	5	2.0
-	□	1.50	35	150	5	5	3	4 - 5	3 - 4	3.3
-	□	1.30	37	150	5	4 - 5	2 - 3	4 - 5	3 - 4	2.9
■	■	5.50	27	200	5	5	5	4 - 5	4 - 5	0.8
□	-	1.62	65	200	5	5	5	4	3 - 4	11.7
■	■	4.42	14	500	5	5	5	4 - 5	4 - 5	0.3
□	□	1.74	35	200	5	4 - 5	5	4	3 - 4	6.5
■	■	4.40	19	500	5	5	5	4 - 5	4 - 5	0.3
■	■	1.78	57	> 200	5	5	5	3 - 4 d	4	4.4
□	□	1.72	50	200	5	5	5	4	4	3.3

Color space: Orange

These multi-purpose pigments find applications across many industries. They consist of DPP pigments and pyrazolo-quinazolone types to bring enhanced chromaticity. The inorganic Sn/Zn/Ti oxide as a new development brings high opacity coupled with outstanding durability and heat resistance.

Current name	Former name	Chemistry	Colour Index	Hiding power	System		
					solvent-based 1K polyurethane	solvent-based 2K polyurethane	solvent-based alkyd melamine
recommended products for industrial coatings							
Sicopal® Orange L 2430		Sn/Zn/Ti oxide	P.O. 82	opaque	■	■	■
Paliotol® Orange L 2930 HD		pyrazolo quinazolone	P.O. 67	opaque	■	□	■
Irgazin® Orange L 2990 HD	Irgazin® DPP Orange RA	diketo-pyrrolo-pyrrole	P.O. 73	opaque	■	■	■
products that find application in industrial coatings							
Irgazin® Orange L 2890 HD	Cromophtal® Orange 2G	isoindolinone	P.O. 61	semi-transparent	■	■	■
Paliotan® Orange L 2935		hybrid	-	opaque	■	■	■

■ recommended □ potential usage - not recommended

		Density (g/cm ³)	Oil absorption (g/100 g)	Temperature stability (°C)	Acid resistance	Alkali resistance	Overcoating	Fastness to weathering		
solvent- based epoxy	aqueous							full shade	1/3 standard depth	reduction ratio 1/3 standard depth
■	■	4.90	14	350	5	5	5	5	5	-
-	□	1.77		180	5	5	2	4 - 5	3	3.0
■	■	1.30	53	200	5	5	5	4 - 5	4 - 5	2.0
■	■	1.66	46	> 200	5	5	5	4 - 5	4 - 5	4.3
-	■	2.70	35	180	5	5	2 - 3	4	3	

Color space: Red

These pigment ranges were designed for paint applications and include DPP types for high chromaticity and high tinting strength, perylene reds for high durability and chemical resistance, quinacridone for outstanding durability and temperature stability. Hybrid pigments bringing together opacity and mid to high performance with a value approach.

Current name	Former name	Chemistry	Colour Index	Hiding power	System		
					solvent-based 1K polyurethane	solvent-based 2K polyurethane	solvent-based alkyd melamine
recommended products for industrial coatings							
Irgazin® Red L 3670 HD	Irgazin® Red 2030	diketo-pyrrolo-pyrrole	P.R. 254	opaque	■	■	■
Paliotan® Red L 3745		hybrid	-	opaque	■	■	■
Cinquasia® Red L 4100	Cinquasia® Red Y RT-759-D	quinacridone	P.V. 19	opaque	■	■	■
products that find application in industrial coatings							
Irgazin® Scarlet L 3550 HD	Irgazin® DPP Scarlet EK	diketo-pyrrolo-pyrrole	P.R. 255	opaque	■	■	■
Irgazin® Red L 3551 HD	Cromophtal® DPP Coral Red C	diketo-pyrrolo-pyrrole	P.R. 255	opaque	■	■	■
Irgazin® Red L 3600 HD	Irgazin® Red 2031	diketo-pyrrolo-pyrrole	-	opaque	■	■	■
Irgazin® Red L 3660 HD	Irgazin® DPP Red B0	diketo-pyrrolo-pyrrole	P.R. 254	opaque	■	■	■
Irgazin® Red L 3680 HD	Irgazin® Red 2029	hybrid	-	opaque	■	-	■
Irgazin® Red L 3685 HD	Irgazin® Red 2027	hybrid	-	opaque	■	-	■
Irgalite® Red L 3773	Irgalite® Red FBL	azo 2B toner (Mn)	P.R. 48:4	transparent	■	-	■
Irgalite® Red L 3865	Irgalite® Red 3RS	BON arylamide	P.R. 112	opaque	■	□	■
Irgalite® Red L 3855	Sico® Fast Red L 3855	BON arylamide	P.R. 112	opaque	■	□	■
Irgazin® Red L 4010 HD	Irgazin® DPP Red Ultra Opaque	diketo-pyrrolo-pyrrole	P.R. 264	opaque	■	■	■
Irgazin® Rubine L 4025	Irgazin® DPP Rubine TR	diketo-pyrrolo-pyrrole	P.R. 264	opaque	■	■	■
Paliogen® Red L 4045	Cromphtal® Red A3B	anthraquinone	P.R. 177	transparent	■	■	■
Irgalite® Scarlet L 4070	Lithol® Fast Scarlet L 4300	azo 2B toner (Mn)	P.R. 48:4	transparent	■	-	■
Irgalite® Bordeaux L 4700	Irgalite® Bordeaux CM	BON maroon	P.R. 52:2	transparent	■	-	■
Irgalite® Maroon L 4763	Lithol® Fast Maroon L 4763	BON maroon	P.R. 52:2	transparent	■	-	■

■ recommended □ potential usage - not recommended

		Density (g/cm ³)	Oil absorption (g/100 g)	Temperature stability (°C)	Acid resistance	Alkali resistance	Overcoating	Fastness to weathering		
solvent- based epoxy	aqueous							full shade	1/3 standard depth	reduction ratio 1/3 standard depth
■	■	1,65	42	> 200	5	4 - 5	5	5	4 - 5	6.7
□	□	3.00	22	200	5	5	4 - 5	4 - 5	4 - 5	3.6
■	■	1.46	60	> 200	5	5	5	5	4 - 5	3.1
■	■	1.41	40	> 200	5	5	5	5	4 - 5	3.8
■	■	1.40	59	> 200	5	5	5	5	4 - 5	2.3
□	■	1.40	47	> 200	5	5	5	3 - 4	3 - 4	5.6
■	■	1.60	60	> 200	5	4 - 5	5	5	4 - 5	4.5
□	-	1.50	46	180	5	4 - 5	4 - 5	4	4	4.0
□	-	1.60	51	200	5	4 - 5	4 - 5	5	5	5.5
-	-	1.64	42	> 200	4 - 5	1	4 - 5	4	-	7.7
-	■	1.49	45	150	5	4	1	4	3	4.0
-	■	1.49	45	150	5	4	1	4	3	4.0
■	■	1.37	49	> 200	5	5	5	5	4 - 5	9.0
■	■	1.35	57	> 200	5	5	5	5	4 - 5	12.8
□	□	1.43	53	> 200	5	5	5	4 - 5	3	8.3
-	-	1.50	37	250	3	3	5	4	-	5.4
-	-	1.30	55	150	2	4	5	4	-	9.0
-	-	1.60	85	150	4	4	5	4	-	8.8

Color space: Blue and green

These pigment ranges were designed for paint applications and include phthalocyanine blue and green types for high chromaticity, durability and high tinting strength. Indanthrone blue for unique red shift in solid shades. Inorganic cobalt blue for high opacity and chemical resistance.

Current name	Former name	Chemistry	Colour Index	Hiding power	System		
					solvent-based 1K polyurethane	solvent-based 2K polyurethane	solvent-based alkyd melamine
recommended products for industrial coatings							
Heliogen® Blue L 6700 F		ε-phthalocyanine	P.B. 15:6	transparent	■	■	■
Heliogen® Blue L 6905 F		α-phthalocyanine	P.B. 15:2	transparent	■	■	■
Heliogen® Blue L 7101 F		β-phthalocyanine	P.B. 15:4	transparent	■	■	■
Heliogen® Green L 8735		phthalocyanine	P.G. 7	transparent	■	■	■
products that find application in industrial coatings							
Paliogen® Blue L 6385		indanthrone	P.B. 60	transparent	■	■	■
Paliogen® Blue L 6495 F		indanthrone	P.B. 60	transparent	■	■	■
Heliogen® Blue L 6875 F		α-phthalocyanine	P.B. 15:2	transparent	■	■	■
Heliogen® Blue L 6920		α-phthalocyanine	P.B. 15:1	transparent	■	■	■
Heliogen® Blue L 6960 F	Irgalite® Blue BSNF	α-phthalocyanine	P.B. 15:2	transparent	■	■	■
Heliogen® Blue L 7072 D		β-phthalocyanine	P.B. 15:3	semi-transparent	■	■	■
Heliogen® Blue L 7081 D		β-phthalocyanine	P.B. 15:3	semi-transparent	■	■	■
Heliogen® Blue L 7085		β-phthalocyanine	P.B. 15:3	transparent	■	■	■
Heliogen® Blue L 7087	Irgalite® Blue PG	β-phthalocyanine	P.B. 15:3	transparent	■	■	■
Heliogen® Blue L 7102 F	Irgalite® Blue GLNF	β-phthalocyanine	P.B. 15:4	transparent	■	■	■
Heliogen® Green L 8730		phthalocyanine	P.G. 7	transparent	■	■	■
Heliogen® Green L 9361		phthalocyanine	P.G. 36	transparent	■	■	■

■ recommended □ potential usage - not recommended

		Density (g/cm ³)	Oil absorption (g/100 g)	Temperature stability (°C)	Acid resistance	Alkali resistance	Overcoating	Fastness to weathering		
solvent- based epoxy	aqueous							full shade	1/3 standard depth	reduction ratio 1/3 standard depth
■	■	1.70	60	350	5	5	4 - 5	5	4 - 5	11.0
■	■	1.66	36	300	5	5	4	5	4 - 5	12.3
■	□	1.64	45	300	5	5	4 - 5	5	4 - 5	10.7
■	■	2.14	28	350	5	5	5	5	4 - 5	5.7
■	■	1.80	53	250	5	5	5	5	4 - 5	7.2
■	■	1.54	60	250	5	5	5	5	4 - 5	11.6
■	■	1.67	30	350	5	5	4 - 5	5	4 - 5	11.0
■	■	1.65	35	300	5	5	5	5	4 - 5	9.7
■	□	1.60	55	200	5	5	5	5	5	15.5
■	■	1.60	35	350	5	5	5	5	4 - 5	9.2
■	■	1.61	35	300	5	5	5	5	4 - 5	8.6
■	■	1.54	54	300	5	5	5	5	4 - 5	10.4
■	■	1.61	45	> 200	5	5	5	5	4 - 5	11.8
■	□	1.50	60	200	5	5	5	5	5	11.5
■	■	2.14	30	350	5	5	5	5	4 - 5	5.8
■	■	2.94	20	300	5	5	5	5	4 - 5	4.0

Color space: Violet and Bordeaux

These pigment ranges were designed for paint applications and include quinacridone and dioxazine types for high chromaticity and durability. As shading components with organic reds they offer a good value-in-use approach because of their high tinting strength.

Current name	Former name	Chemistry	Colour Index	Hiding power	System		
					solvent-based 1K polyurethane	solvent-based 2K polyurethane	solvent-based alkyd melamine
recommended products for industrial coatings							
Cinquasia® Magenta L 4400	Irgazin® Magenta 2012	quinacridone	P.R. 282	opaque	■	■	■
Cinquasia® Violet L 5120	Cinquasia® Violet R NRT-201-D	quinacridone	P.V. 19	opaque	■	■	■
Cromophtal® Violet L 5800	Cromophtal® Violet GT	dioxazine	P.V. 23	opaque	■	■	■
products that find application in industrial coatings							
Cromophtal® Violet L 5805	Cromophtal® Violet GA	dioxazine	P.V. 23	opaque	■	■	■
Cinquasia® Violet L 5110	Cinquasia® Violet R RT-101-D	quinacridone	P.V. 19	transparent	■	■	■
Cinquasia® Violet L 5125	Cinquasia® Violet R NRT-887-D	quinacridone	P.V. 19	opaque	■	■	■

■ recommended
□ potential usage
- not recommended

Color space: Black

Specialty pigments selected for heat management consisting of **perylene** and **chromium iron oxide** types

Current name	Former name	Chemistry	Colour Index	Hiding power	System		
					solvent-based 1K polyurethane	solvent-based 2K polyurethane	solvent-based alkyd melamine
recommended products for industrial coatings							
Sicopal® Black L 0095		chromium iron oxide	P.Br. 29	opaque	■	■	■
Paliogen® Black L 0086		perylene	P.Bl. 32	transparent	■	■	■
products that find application in industrial coatings							
Paliotol® Black L 0080		aniline black	P.Bl. 1	transparent	■	■	■

■ recommended
□ potential usage
- not recommended

		Density (g/cm ³)	Oil absorption (g/100 g)	Temperature stability (°C)	Acid resistance	Alkali resistance	Overcoating	Fastness to weathering		
solvent- based epoxy	aqueous							full shade	1/3 standard depth	reduction ratio 1/3 standard depth
■	■	1.40	73	200	5	5	5	4 - 5	4 - 5	5.3
■	■	1.47	72	> 200	5	5	5	5	4 - 5	6.0
■	□	1.42	44	180	5	5	5	4 - 5	4	16.0
■	■	1.50	60	180	5	5	5	4 - 5	4 - 5	
■	■	1.66	46	> 200	5	5	5	4 - 5	4 - 5	4.3
■	□	1.55	75	> 200	5	5	5	5	4 - 5	5.5

		Density (g/cm ³)	Oil absorption (g/100 g)	Temperature stability (°C)	Acid resistance	Alkali resistance	Overcoating	Fastness to weathering		
solvent- based epoxy	aqueous							full shade	1/3 standard depth	reduction ratio 1/3 standard depth
■	■	5.10	20	320	5	5	5	5	5	0.8
■	■	1.50	45	200	5	5	4 - 5	-	3	4.0
■	■	1.90	65	200	5	5	5	5	3	1.0

Effect pigments for exterior applications

Transparent effects	Particle size in µm	Transparent effects	Particle size in µm
Magnapearl® Exterior CFS 3103	2 - 10	Mearlin® Exterior CFS Fine Red 4303V	4 - 32
Mearlin® Exterior CFS Fine Pearl 1303V	4 - 32	Mearlin® Exterior CFS Super Red 4303Z	6 - 48
Mearlin® Exterior Fine Pearl 139V	4 - 32	Lumina® Exterior Red 4303D	10 - 48
Magnapearl® Exterior CFS 1103	8 - 48	Mearlin® Exterior CFS Micro Violet 5303M	2 - 24
Mearlin® Exterior Bright Silver 139Z	6 - 48	Mearlin® Exterior CFS Fine Violet 5303V	4 - 32
Mearlin® Exterior CFS Bright Silver 1303Z	10 - 48	Mearlin® Exterior CFS Super Violet 5303Z	6 - 48
Lumina® Exterior Pearl Radiance 1303D	10 - 48	Mearlin® Exterior CFS Micro Blue 6303M	4 - 32
Mearlin® Exterior Bright White 139X	6 - 48	Lumina® Exterior Red Blue 6303D	10 - 48
Mearlin® Exterior Sparkle 139P	10 - 110	Lumina® Exterior Aqua Blue 7303D	10 - 48
Mearlin® Exterior CFS Micro Gold 2303M	2 - 10	Lumina® Exterior Turquoise T 303D	10 - 48
Mearlin® Exterior CFS Fine Gold 2303V	4 - 32	Mearlin® Exterior CFS Micro Green 8303M	2 - 24
Mearlin® Exterior CFS Super Gold 2303Z	4 - 32	Mearlin® Exterior CFS Fine Green 8303Z	6 - 48
Lumina® Exterior Gold 2303D	10 - 48	Lumina® Exterior Green 8303D	10 - 48
Mearlin® Exterior CFS Super Orange 3303Z	6 - 48	Lumina® Royal Exterior Blue EH 402 (6803H)	6 - 48
Mearlin® Exterior CFS Micro Red 4303M	2 - 24	Glacier™ Exterior Frost White EH 568 (S1303D)	10 - 48

Semi-opaque effects	Particle size in μm
Mearlin® Exterior CFS Fine Brass 2323V	4 - 32
Mearlin® Exterior CFS Super Brass 2323Z	6 - 48
Lumina® Exterior Brass 2323D	10 - 48
Mearlin® Exterior CFS Super Bright Orange 3333Z	6 - 48
Mearlin® Exterior CFS Fine Bronze 2503V	4 - 32
Mearlin® Exterior CFS Super Bronze 2503Z	6 - 48
Mearlin® Exterior CFS Micro Copper 3503M	2 - 24
Mearlin® Exterior CFS Fine Copper 3503V	4 - 32
Mearlin® Exterior CFS Super Copper 3503Z	6 - 48
Lumina® Exterior Copper 3503D	10 - 48
Mearlin® Exterior CFS Micro Russet 4503M	2 - 24
Mearlin® Exterior CFS Fine Russet 4503V	4 - 32
Mearlin® Exterior CFS Super Russet 4503Z	4 - 32
Lumina® Exterior Russet 4503D	10 - 48
Mearlin® Exterior CFS Blue Russet 6503Z	6 - 48
Mearlin® Exterior Blue Green 7289Z	6 - 48
Black Olive™ Exterior OC03Z	6 - 48

Opaque effects	Particle size in μm
Paliocrom® Gold L 2000	8 - 43
Paliocrom® Gold L 2020	8 - 38
Paliocrom® Orange L 2800	10 - 38
Paliocrom® Brilliant Orange L 2850	10 - 38
Paliocrom® Brilliant Gold L 2050	10 - 38

Metallic effects	Carrier
Metasheen® 11-0310	Dowanol® ¹ PMA
Metasheen® 11-0710	Dowanol® ¹ PM
Metasheen® 11-1110	butyl glycol
Metasheen® 41-0310	Dowanol® ¹ PMA
Metasheen® 41-0710	Dowanol® ¹ PM
Metasheen® 41-1110	butyl glycol
Metasheen® 71-0310	Dowanol® ¹ PMA
Metasheen® 71-0710	Dowanol® ¹ PM
Metasheen® 71-1110	butyl glycol
Metasheen® 91-0310	Dowanol® ¹ PMA
Metasheen® 91-0710	Dowanol® ¹ PM
Metasheen® 91-1110	butyl glycol

Effect pigments for general applications

Transparent effects	Particle size in μm	Transparent effects	Particle size in μm
Magnapearl® 3000	2 - 10	Firemist® Red 9G430L	52 - 188
Magnapearl® 3100	2 - 10	Firemist® Violet 9G530L	52 - 188
Mearlin® Satin White 9130F	2 - 10	Firemist® Blue 9G630L	52 - 188
Magnapearl® 2000	5 - 25	Firemist® Turquoise 9G730L	52 - 188
Magnapearl® 2100	5 - 25	Firemist® Green 9G830L	52 - 188
Magnapearl® 2300	5 - 25	Firemist® Green 9G830L	25 - 125
Magnapearl® 1000	6 - 48	Firemist® Green 9G830L	25 - 125
Magnapearl® 1100	6 - 48	Lumina® Royal Blue EH 627 (9680H)	6 - 48
Magnapearl® 5000	15 - 95	Glacier™ Frost White EH 682 (9S130D)	10 - 48
Magnapearl® 4000	15 - 150		
Mearlin® Micro Gold 9260M	2 - 10	Semi-opaque effects	Particle size in μm
Lumina® Gold 9Y30D	10 - 48	Mearlin® Micro Brass 9262M	2 - 10
Mearlin® Sparkle Gold 9220J	10 - 130	Mearlin® Super Brass 9232Z	6 - 48
Mearlin® Super Orange 9330Z	6 - 48	Lumina® Brass 9232D	10 - 48
Mearlin® Sparkle Orange 9320J	10 - 130	Mearlin® Sparkle Brass 9222J	10 - 10 - 130
Lumina® Red 9R30D	10 - 48	Mearlin® Micro Bronze 9250M	2 - 10
Mearlin® Sparkle Red 9420J	10 - 130	Mearlin® Super Bronze 9250Z	6 - 48
Mearlin® Super Violet 9530Z	6 - 48	Mearlin® Sparkle Bronze 9250J	10 - 130
Mearlin® Micro Blue 9660M	2 - 10	Mearlin® Micro Copper 9350M	2 - 10
Lumina® Red Blue 9830D	10 - 48	Mearlin® Super Copper 9350Z	6 - 48
Lumina® Aqua Blue 9A30D	10 - 48	Lumina® Copper 9350D	10 - 48
Mearlin® Sparkle Blue 9620J	10 - 130	Mearlin® Sparkle Copper 9350J	10 - 130
Lumina® Turquoise 9T30D	10 - 48	Mearlin® Micro Russet 9450M	2 - 10
Mearlin® Micro Green 9860M	2 - 10	Mearlin® Super Russet 9450Z	10 - 48
Lumina® Green 9G30D	10 - 48	Mearlin® Super Blue Russet 9650Z	6 - 48
Mearlin® Sparkle Green 9820J	10 - 130	Mearlin® Sparkle Russet 9650J	10 - 130
Firemist® Pearl 9G130L	52 - 188	Black Olive™ 90C0Z	6 - 48
Firemist® Gold 9G230L	52 - 188		

Explanation of data

density (g/cm ³)	determination according to ISO 787-10
oil absorption (g/100 g)	determination according to ISO 787-5
temperature stability (°C)	Temperature above which significant discolorations should be expected in baking finishes (test conditions: baking schedule 30 minutes, alkyd-melamine system at temperatures of up to 200 °C). The heat stability depends on the binder and solvent system used.
chemical resistance (acid and alkali)	Cured films (alkyd-melamine system) are exposed for 24 hours to a 2 % solution of hydrochloric acid and a 2 % sodium hydroxide solution. The assessment is made according to the five-step grayscale ISO 105-A02: 5 = no change of color; 1 = strong change of color.
fastness to overcoating	A film baked for 30 minutes at 140 °C is overcoated with a white coat of the same composition and baked for 30 minutes at 160 °C. A change in color of the white film is assessed by the grayscale ISO 105 - A02. 5 = no change of color; 1 = strong change of color.
fastness to weathering	Data on resistance to weathering is determined in two-year weathering tests in southern Florida, assessment according to the grayscale ISO 105-A02.
reduction ratio at 1/3 standard depth of shade	The reduction ratio indicates the number of parts of white pigment (TiO ₂) required to mix with one part of chromatic pigment to obtain 1/3 standard depth of shade. The higher the reduction ratio, the greater the strength of the chromatic pigment.

