



who offers superior pigments
for plastics applications?

we do.

Technical Pigments for Plastics - International

Solutions. Tailor-Made.™

SunChemical®

a member of the DIC group 



Masstone	1/20 Tint	Product Code & Trade Name Color Index	FDA	Heat Stability	Light Fast Tint	Application Data					Comments
						Rubber	pPVC	PE	PP	PS	
		271-5151 Fanchon® Yellow 151 PY 151	•	300°C	7	A	A	A	A	A	Benzimidazolone Standard Dry
		275-0023 Sunbrite® Yellow 17 PY 17	•	250°C	5-6	A	C	A	A	B	Diarylide AAQA Standard Dry
		271-5180 Fanchon® Yellow 180 PY 180	178.3297 175.300	300°C	7-8	A	A	A	A	A	Benzimidazolone Standard Dry
		274-1744 Sunbrite® Yellow 14 PY 14	•	230°C	3-4	A	C	A	A	B	Diarylide AAOT Standard Dry
		271-0150 Fanchon® Yellow 150 PY 150	•	300°C	8	A	A	A	A	A	Ni Azo Yellow
		275-9849 Sunbrite® Yellow 13 PY 13	•	230°C	5	A	C	B	B	B	Diarylide AAMX
		262-3562 Sunbrite® Yellow 62 PY 62	•	250°C	5	A	A	A	A	B	Ca Lake MonoAzo
		279-0139 Fanchon® Yellow 139 PY 139	•	290°C	7-8	A	A	A	A	A	Fibre Grade
		275-0570 Sunbrite® Yellow 83 PY 83	•	250°C	5-6	A	C	A	A	B	Diarylide AADMCA Standard Dry
		279-7110 Fanchon® Yellow 110 PY 110	178.3297 175.300	290°C	8	A	A	A	A	A	Isoindolinone - Yellow

FDA Status

175.300 Colorant for Resins and Polymers
 177.2600 Color for Rubber Articles
 178.3297 Colorant for Polymers

* For use not to exceed 1% by weight of polymer

Heat Stability:

Maximum suggested process temperatures. While higher temperatures may be possible, testing in critical applications is suggested. Our testing consists of color level: Tint=0.1% Pigment and 1.9% TiO2 with five minute time intervals for each temperature level. A 2 unit CIE Lab change (Delta E) from the lowest molding temperature was taken as the cut off point in establishing the maximum temperature quoted.

Light Stability:

Light Stability Results are based on Fadometer Standardized to Blue Wool scale. Tested to a 20% change from unexposed strip (Gray scale of 3). A pigment with a 1 rating will have very poor stability while an 8 would indicate very good light fastness (B.S.6006).

Application Data

A: Generally good properties
 B: Possible heat stability problems
 C: Possible migration problems
 D: Possible migration of carrier resins

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		276-143P Fanchon® Orange 43 PO 43	•	280°C	8	A	C	A	A	A	Fibre grade - Excellent weather fastness
		271-6430 Fanchon® Orange 64 PO 64	•	300°C	8	A	A	A	A	A	High Performance Orange - Non Warp
		215-7616 Sunbrite® Red 53:1 PR 53:1	•	290°C	2	A	C	A	A	B	Controlled for soluble barium content for food and toy applications
		228-0SGK Fastogen® Super Scarlet GK PR 207	*178.3297 175.300	300°C	8	A	A	A	A	A	Very yellow shade red quinacridone with excellent fastness properties, namely weather fastness
		235-7070 Sunbrite® Red 170 PR 170	•	290°C	6	A	C	A	A	B	Naphthol Opaque - Standard Dry
		234-0124 Sunbrite® Red 48:3 PR 48:3	•	230°C	6-7	A	A	A	A	B	Economic PR 48:3 - Film & PP fibre grade
		234-3123 Sunbrite® Red 48:3 PR 48:3	•	230°C	6-7	A	A	A	A	B	Medium yellow shade - Highest lightfastness among the 2B toners - Film & PP fibre grade
		226-5254 Fastogen® Super Red 254 PR 254	178.3297 175.300	290°C	7	A	A	A	A	A	DPP Red
		235-7170 Sunbrite® Red 170 PR 170	•	275°C	5	A	C	A	A	B	Naphthol Translucent - Standard Dry
		234-0781 Sunbrite® Red 48:2 PR 48:2	•	230°C	5	A	C	A	A	B	Ca2B - Standard Dry for film & fibre

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		225-2480 Sunbrite® Red 60:1 PR 60:1	•	300°C	4	A	A	A	A	A	Ba/Al Scarlet - Standard Product
		211-4620 Sunbrite® Red 49:2 PR 49:2	•	275°C	2	A	C	A	A	B	Medium blue shade red
		235-4586 Symuler® Fast Red 4586 PR 185	•	230°C	7-8	A	A	A	A	B	Durable, weatherfast red - extreme migration fastness
		236-5025 Sunbrite® Red 38 PR 38	177.2600	175°C	3	A	B	B	B	B	Final colored articles are resistant to water, soap & detergent solutions - Equally fast to a variety of organic solvents, including gasoline
		227-ATY1 Fastogen® Super Red ATY PR177	•	260°C	7-8	A	A	A	A	A	Non-warping, durable, weatherfast red
		229-8768 Perrindo® Maroon Red 179 PR 179	178.3297 175.300	260°C	7	A	A	A	A	A	Perylene Red - Standard Dry
		228-0044 Quindo® Red 19 PV 19	178.3297 175.300	300°C	8	A	A	A	A	A	Quinacridone Red - Bright MT vs. 0022
		228-0022 Quindo® Red 19 PV 19	178.3297 175.300	300°C	7-8	A	A	A	A	A	Quinacridone Red - Standard Product
		228-8673 Sunplast® G Red 19 4B Gran PV 19	178.3297 175.300	300°C	8	A	A	A	A	A	Quinacridone Red - Sunplast® G - Granules Shade of 4B on the color wheel
		219-0125 Sunbrite® Red 57:1 PR 57:1	•	240°C	4	A	C	A	A	B	Very Strong - Fibre Grade

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		228-6725 Quindo® Magenta 202 PR 202	*178.3297 175.300	300°C	7	A	A	A	A	A	Quinacridone Magenta 202 - Opaque - Yellow Shade
		228-0013 Quindo® Magenta 122 PR 122	178.3297 175.300	300°C	8	A	A	A	A	A	Quinacridone Magenta - Standard Dry
		228-8655 Sunplast® G Magenta 122 Gran PR 122	178.3297 175.300	300°C	8	A	A	A	A	A	Quinacridone Magenta - Sunplast® G - Granules - Slightly Softer & Blue vs. 0013
		228-6655 Quindo® Magenta 122 PR 122	178.3297 175.300	300°C	8	A	A	A	A	A	Quinacridone Magenta - Non- granulated 8655
		228-RE03 Fastogen® Magenta RE03 PR 122	178.3297 175.300	300°C	8	A	A	A	A	A	Bluer quinacridone magenta
		228-6864 Sunplast® G Magenta 202 2B Gran PR 202	*178.3297 175.300	300°C	7	A	A	A	A	A	Quinacridone Magenta 202 - Sunplast® G - Granules - Low Pressure Rise - Blue shade
		228-8638 Quindo® Violet 19 PV 19	178.3297 175.300	300°C	7-8	A	A	A	A	A	Quinacridone Violet - Slightly Strong & Red vs. 5199
		228-5199 Quindo® Violet 19 PV 19	178.3297 175.300	300°C	7-8	A	A	A	A	A	Quinacridone Violet - Standard Dry
		228-8653 Sunplast® G Violet 19 R Gran PV 19	178.3297 175.300	300°C	7-8	A	A	A	A	A	Quinacridone Violet - Sunplast® G - Granules
		228-1158 Quindo® Violet 19 PV 19	178.3297 175.300	300°C	7-8	A	A	A	A	A	Quinacridone Violet - Slightly Less Red vs. 5199

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Light Stability:

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		229-4050 Perrindo® Violet 29 PR 29	•	260°C	7	A	A	A	A	A	Perylene Violet - Standard Dry
		246-0505 Indofast® Violet 23 PV 23	•	250°C	7-8	A	A	A	A	B	Dioxazine Violet - Standard Dry - Bluest, softest grade
		246-VRZE Fastogen® Super Violet RZE PV 23	•	250°C	7-8	A	A	A	A	B	Dioxazine Violet - Standard Dry
		260-5646 Palomar® Blue 60 PB 60	•	300°C	7-8	A	A	A	A	A	Indanthrone Blue - Non warp
		248-3740 Sunfast® Blue 15:1 PB 15:1	178.3297 175.300	290°C	7-8	A	A	A	A	A	Very red shade economic stabilized alpha blue
		248-3700 Sunfast® Blue 15:1 PB 15:1	178.3297 175.300	290°C	7-8	A	A	A	A	A	PCN RS Blue - Stabilized
		248-0061 Sunfast® Blue 15:1 PB 15:1	178.3297 175.300	300°C	7-8	A	A	A	A	A	PCN RS Blue Mono CI - Standard Dry - Greener shade alpha blue
		249-A80P Sunfast® PA5380 PB 15:3	178.3297 175.300	260°C	7	A	A	A	A	A	PCN GS Blue
		249-3450 Sunfast® Blue 15:4 PB 15:4	178.3297 175.300	300°C	7-8	A	A	A	A	A	PCN GS Blue NCNF - Excellent heat stability at low concentrations
		264-7700 Sunfast® Green 7 PG 7	178.3297 175.300	300°C	7-8	A	A	A	A	A	PCN Green

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		264-7405 Sunfast® Green 7 PG 7	178.3297 175.300	300°C	7-8	A	A	A	A	A	PNC Green Fibre Grade
		264-1036 Sunfast® Green 36 PG 36	178.3297 175.300	300°C	7-8	A	A	A	A	A	PCN Green - Very Yellow Shade

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						Rubber	pPVC	PE	PP	PS	
		L75-1331 PE Flush Yellow 17 PY 17	•	250°C	5-6	D	D	A	A	D	Diarylide AA0A - 50% PE Flush
		L74-1357 PE Flush Yellow 14 PY 14	•	230°C	3-4	D	D	A	A	D	Diarylide AAOT - 50% PE Flush
		L75-1349 PE Flush Yellow 13 PY 13	•	230°C	5	D	D	A	A	D	Diarylide AAMX - 50% PE Flush
		L71-P495 EVA Predisol® Yellow 95 PY 95	•	300°C	7	A	A	A	A	A	Disazocondensation Yellow - 60% EVA Predisol®
		L75-2377 PE Flush Yellow 83 PY 83	•	250°C	5-6	D	D	A	A	D	Diarylide AADMCA - 50% PE Flush
		L76-P282 PE Predisol® Orange 16 PO 16	•	220°C	3	D	D	A	A	D	Diarylide Orange - 50% PE Predisol
		L15-1210 PE Flush Red 53:1 PR 53:1	•	290°C	2	D	D	A	A	D	Ba RLC - 50% PE Flush
		L15-P253 PE Predisol® Red 53:1 PR 53:1	•	290°C	2	D	D	A	A	D	Ba RLC - 60% PE Predisol®
		L26-P254 PE Predisol® Red 254 PR 254	178.3297 175.300	290°C	7	D	D	A	A	D	60% PE Predisol®
		L34-1209 PE Flush Red 48:2 PR 48:2	•	230°C	5	D	D	A	A	D	Ca2B - 50% PE Flush

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						Rubber	pPVC	PE	PP	PS	
		L34-P248 PE Predisol® Red 48:2 PR 48:2	•	230°C	5	D	D	A	A	D	Ca2B - 60% PE Predisol®
		L28-P213 PE Predisol® Magenta 122 PR 122	178.3297 175.300	300°C	8	D	D	A	A	D	Quinacridone Magenta - 60% PE Predisol® of 0013
		L46-4568 PE Flush Violet 23 PV 23	•	250°C	7-8	D	D	A	A	D	Dioxazine Violet - 50% PE Flush
		L48-3747 PE Flush Blue 15:1 PB 15:1	178.3297 175.300	300°C	7-8	D	D	A	A	D	PCN RS Blue - Stabilized - 50% PE Flush
		L48-P205 PE Predisol® Blue 15:1 PB 15:1	•	300°C	7-8	D	D	A	A	D	PCN RS Blue - Stabilized - 60% PE Predisol®
		L48-P409 EVA Predisol® Blue 15:1 PB 15:1	178.3297 175.300	290°C	7-8	D	D	A	A	D	PCN RS Blue - Stabilized - 60% EVA Predisol®
		L48-1206 PE Flush Blue 15:1 PB 15:1	178.3297 175.300	300°C	7-8	D	D	A	A	D	PCN RS Blue Mono Cl - 50% PE Flush
		L49-0714 PE Flush Blue 15:3 PB 15:3	178.3297 175.300	290°C	7	D	D	A	A	D	PCN GS Blue - 50% PE Flush of 1284
		L49-P225 PE Predisol® Blue 15:3 PB 15:3	178.3297 175.300	290°C	7	D	D	A	A	D	PCN GS Blue - 50% PE Predisol®
		L49-P226 PE Predisol® Blue 15:4 PB 15:4	178.3297 175.300	300°C	7-8	D	D	A	A	D	PCN GS Blue NCNF - 50% PE Predisol®

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		L64-3107 PE Flush Green 7 PG 7	178.3297 175.300	300°C	7	D	D	A	A	D	PCN Green - 50% PE Flush
		L64-P264 PE Predisol® Green 7 PG 7	178.3297 175.300	300°C	7-8	D	D	A	A	D	PCN Green - 50% PE Predisol®
		L64-1207 PE Flush Green 7 PG 7	178.3297 175.300	300°C	7-8	D	D	A	A	D	PCN Green - 50% PE Flush
		L64-P236 PE Predisol® Green 36 PG 36	178.3297 175.300	300°C	7-8	D	D	A	A	D	PCN Green - 60% PE Predisol®
		L29-P206 PE Predisol® Perylene Black 31 PBI 31	•	260°C	7	D	D	A	A	D	Perylene Black - 60% PE Predisol®
		L47-P202 PE Predisol® Carbon Black 7 PBI 7	178.3297 175.300	290°C	7-8	D	D	A	A	D	Carbon Black - 50% PE Predisol®
		L47-P411 EVA Predisol® Carbon Black 7 PBI 7	178.3297 175.300	290°C	7-8	D	D	A	A	D	Carbon Black - 60% EVA Predisol®

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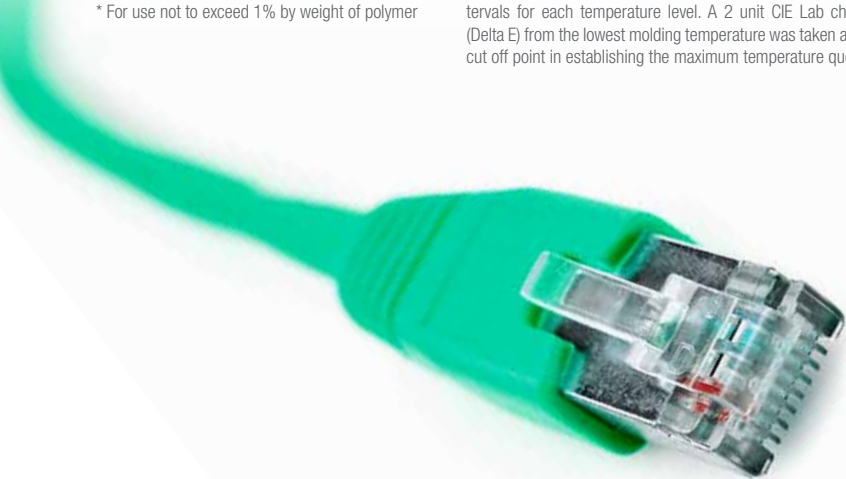
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		C69-4537 SunCROMA™ FD&C Yellow 5 AI Lake PY 5	FD&C	250°C	3	A	A	A	A	B	Food Lake - 38% Dye Content
		C70-5270 SunCROMA™ FD&C Yellow 6 AI Lake PY 6	FD&C	275°C	2	A	A	A	A	B	Food Lake - 40% Dye Content
		C37-6340 SunCROMA™ FD&C Yellow 40 AI Lake PY 40	FD&C	200°C	2	A	A	A	A	B	Food Lake - 38% Dye Content
		C19-003 SunCROMA™ FD&C Red 7 AI Lake PR 7	FD&C	220°C	3	A	A	A	A	B	CA Lake - 60% Pigment
		C39-4433 SunCROMA™ FD&C Blue 1 AI Lake PB 1	FD&C	200°C	3	A	A	A	A	B	Food Lake - 12% Dye Content

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		L69-4534 SunCROMA™ FD&C Yellow 5 AI Lake PY 5	FD&C	280°C	3	D	D	A	A	D	60% PE Flush of C39-4537
		L70-5275 SunCROMA™ FD&C Yellow 6 AI Lake PY 6	FD&C	250°C	3	D	D	A	A	D	60% PE Flush of C70-5270
		L37-6340 SunCROMA™ FD&C Red 40 AI Lake PY 40	FD&C	200°C	2	D	D	A	A	D	Food Lake - 60% Flush
		L39-6342 SunCROMA™ FD&C Blue 1 AI Lake PB 1	FD&C	200°C	3	D	D	A	A	D	Food Lake - 55% Flush

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C: Possible migration problems
D: Possible migration of carrier resins



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Trade Name Information

Chaos: Synthetic double order interference micas. Available as weather resistant and untreated grades.

Fanchon®: High performance pigments for plastics.

Fastogen® Super: High performance pigments for plastics.

Fastogen® Super: High performance pigments for plastics.

Indofast®: High performance carbazole violet pigments for plastics.

Palomar®: High performance tetrachlor phthalocyanine pigments.

Perrindo®: High performance perylene pigments for plastics.

Predisol®: A range of highly pigmented (20-60%) dispersions for plastics. Full dispersion and highly loaded concentrates.

Quindo®: High performance quinacridone pigments for automotive, industrial and architectural coatings.

Reflex: Synthetic micas available as weather resistant and untreated grades.

Sunplast®: Free-flowing, low dusting, micro granular product form.

Sunbrite®: Classical azo pigments for architectural and industrial coatings.

Sunfast®: Phthalocyanine pigments for plastics.

SunGEM™: Specialty metal oxide coated mica. Available as weather resistant and untreated grades.

SunMETALLICS®: Aluminum pigments for coatings, including cornflake and silver dollar types with a wide range of flake size to cover most application needs (coming soon to plastics)

SunMICA®: Natural untreated pearlescent micas.

Symuler®: Classical azo pigments.

Special Effects Brochures Available



SunMica®



Automotive Pearls



Automotive Chaos



Reflex Pearl Pigments



Chaos Pearl Pigments



Reflex Pigment Coated Pearls



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With annual revenues of more than \$4 billion, Sun Chemical Corporation is the world's largest producer of printing inks and pigments. We also are a leading provider of materials and services to cosmetics, packaging, publications, coatings, plastics and other industrial markets. Sun Chemical has a worldwide network of more than 300 locations that provide customers local service with a global perspective.

To learn more about our pigments, contact your local Sun Chemical representative.

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