Pigments

SUDARSHAN

First Choice For New Formulations

Pigments for Coatings

Product Name & Code	C. I. Name	Decorative Paints		Industrial Coatings					Light fastness Full Tone/Tint	Weather fastness Full Tone/Tint	Heat Stability (°C)	Overspray
		Solvent Base	Water Base	Automotive OEM	Automotive Refinish	Industrial Paints	Powder Coatings	Coil Coatings				
Sudaperm™ Yellow 3032C	PY 138	●	●	○	○	●	●		8/7	4-5/3	200	5
Sudaperm™ Yellow 3030C	PY 138	●	●	○	○	●	●		8/7	4-5/3	200	5
Sudaperm™ Yellow 2903	PY 151	●		○	●	●	●		8/7	5/4	180	5
Sudaperm™ Yellow 2906	PY 154	●	●	○	●	●	●		8/7	5/4	160	5
Sudacolor™ Yellow G	PY 1	●	●						7/5	-	-	-
Sudafast™ Yellow 130C	PY 74	●	●			○			7/5	4/2	-	-
Sudafast™ Yellow 127	PY 74	●	●			○			7/5	4/2	-	-
Sudafast™ Yellow 117	PY 74	●	●						7/5	4/2	-	-
Sudafast™ Yellow 128C	PY 74		●						6/5	4/2	-	-
Sudacolor™ Yellow 118	PY 65	●	●						6/5	4/2	-	3
Sudacolor™ Yellow 119C	PY 65	●	●						6/5	4/2	-	3
Sudafast™ Yellow 134	PY 83	●	●			●	●		7/6	4/3	200	4-5
Sudaperm™ Yellow 2935	PY 139	●		○	●	●	●		7-8/7	4/3-4	180	5
Sudaperm™ Yellow 2929C	PY 110	○	●	●	●	●	●	○	8/7	5/4	200	5
Sudaperm™ Yellow 2925C	PY 110	○	●	○	●	●	●	○	8/7	5/4	200	4-5
Sudaperm™ Orange 2919	PO 64						●	○	5-6/3	-	180	-
Sudaperm™ Orange 2915C	PO 36	●	●	○	●	●	●		8/7	5/4	160	5
Sudacolor™ Red 401	PR 4	●	●						6/3	-	-	-
Sudacolor™ Red 417	PR 3	●	●						6/4	-	-	-
Sudafast™ Red 341	PR 112	●	●						7-8/6	-	-	-
Sudafast™ Red 336	PR 112	●	●						7/6	-	-	-
Sudafast™ Red 331	PR 112	●	●						7/5-6	-	-	-
Sudaperm™ Red 2963C	PR 170	●	●		●	●	●		7/5	4/2	180	4-5
Sudaperm™ Red 2967C	PR 170	●	●		●	●	●		7/5	4/2	180	4-5
Sudaperm™ Red 2951C	PR 264		○	●	●	●	●	○	8/8	5/5	200	5
Sudaperm™ Red 2953C	PR 264			●	●	●	●	○	8/7	5/4	200	4-5
Sudaperm™ Red 2975C	PR 177			●	●	●	●	○	8/7	5/4	200	5
Sudaperm™ Red 2988C	PV 19	●	●	●	●	●	●	●	8/7	5/4	200	5
Sudaperm™ Red 2987	PV 19	●	●	○	●	●	●	●	8/7	5/4	200	5
Sudaperm™ Pink 2998	PR 122	●	●						8/7	5/4	200	5
Sudaperm™ Pink 3000C	PR 122	●	●	●	●	●	●	●	8/7	5/4	200	5
Sudaperm™ Red Violet 2995	PV 19	●	●	●	●	●	●	●	8/7	5/4	200	5
Sudaperm™ Violet 2940C	PV 23	●	●	○	●	●	●	●	8/7-8	5/4	180	5
Sudaperm™ Violet 2941C	PV 23	●	●	○	●	●	●	●	8/7-8	5/4	180	5
Sudafast™ Blue 2662	PB 15:1	●	●	○	●	●	○	●	8/8	5/5	200	5
Sudafast™ Blue 2773	PB 15:2	○	●	●	●	●	●	●	8/8	5/5	200	5
Sudafast™ Blue 2778C	PB 15:3	●	●			○	○	○	8/8	5/5	200	5
Sudafast™ Blue 2784	PB 15:3	●	●		○	●	○	●	8/8	5/5	200	5
Sudafast™ Blue 2796	PB 15:4	●	●	●	●	●	○	●	8/8	5/5	200	5
Sudafast™ Green 2727C	PG 7	●	●	○	●	●	●	●	8/8	5/5	200	5
Sudafast™ Green 2729C	PG 7	●	●	○	●	●	●	●	8/8	5/5	200	5

● Suitable for application ○ Potential Use

Pigments for Plastics

Product Name & Code	C. I. Name	Chemistry	Applications						Properties				
			Polyolefins	PVC & PVC Leather	PS/ABS	Nylon 6	PBT / PET	PP Fibre	Light Fastness Full Tone/Tint	Weather Fastness Full Tone/Tint	Heat Resistance in HDPE (°C)	Migration in PVC - P	Warpage in HDPE
Sudaperm™ Yellow 3033K	PY 138	Quinophthalone	●	●	●			●	8/7	3-4/-	270	4-5	-
Sudaperm™ Yellow 3031K	PY 138	Quinophthalone	●	●	●			●	8/7	3-4/-	270	4-5	-
Sudacolor™ Yellow 114	PY 62	Monoazo	●	●				●	7/6-7	-	250	5	Low
Sudaperm™ Yellow 2908	PY 180	Benzimidazolone	●	●	○			●	7/6-7	-	290	5	Low
Sudaperm™ Yellow 2909	PY 180	Benzimidazolone	●	●	○			●	6-7/6-7	-	290	5	Low
Sudacolor™ Yellow 165*	PY 13	Disazo	●	●					6-7/6	-	200	3	-
Sudafast™ Yellow 129K	PY 191	Monoazo	●	●	●			●	7/6-7	-	300	5	Low
Sudaperm™ Yellow 2939K	PY 139	Isoindoline	●	●				●	8/7	-	240	5	Low
Sudaperm™ Yellow 2925K	PY 110	Isoindolinone	●	●	○			●	8/7-8	5/4	300	5	-
Sudaperm™ Yellow 2927	PY 110	Isoindolinone	●	●	○			●	8/7-8	5/4	300	5	-
Sudaperm™ Orange 2917	PO 64	Benzimidazolone	●	●	○			●	8/7-8	3-4/-	300	5	Low
Sudacolor™ Orange 212*	PO 34	Disazo	●	○					7/5-6	-	200	3	-
Sudacolor™ Red 5016	PR 53:1	Monoazo-Ba-Lake	●	●	○			●	4-5/2-3	-	270	4-5	-
Sudacolor™ Red 507K	PR 53:1	Monoazo-Ba-Lake	●	●	○				4-5/2	-	260	4-5	-
Sudacolor™ Red 570	PR 48:3	Monoazo-Sr-Lake	●	●				●	6-7/5	-	240	4-5	Low
Sudaperm™ Red 2963K	PR 170	Naphthol	●	○				●	8/7	3/-	260	2	Low
Sudaperm™ Red 2967K	PR 170	Naphthol	●	○				○	8/7	-	250	2	Low
Sudacolor™ Red 554	PR 48:2	Monoazo-Ca-Lake	●	●				●	7/5-6	-	240	4-5	Low
Sudacolor™ Red 564	PR 48:2	Monoazo-Ca-Lake	●	●				●	7/5-6	-	240	4-5	Low
Sudaperm™ Red 2975K	PR 177	Anthraquinone	●	●	○				8/7	5/4	260	4-5	-
Sudaperm™ Red 2985	PV 19	Quinacridone	●	●	●			○	8/7-8	4-5/4	300	5	Low
Sudacolor™ Red 635	PR 57:1	Monoazo-Ca-Lake	●	●				●	6-7/4	-	240	4-5	-
Sudaperm™ Pink 2991K	PR 122	Quinacridone	●	●	●	○	●	●	8/8	4-5/4	300	5	Low
Sudaperm™ Pink 2991	PR 122	Quinacridone	●	●	●	○	●	●	8/8	4-5/4	300	5	Low
Sudaperm™ Violet 2946K	PV 23	Dioxazine	●	●	●			●	7-8/7-8	4/3	280	3-4	-
Sudaperm™ Violet 2945K	PV 23	Dioxazine	●	●	●			●	7-8/7-8	4/3	280	3-4	-
Sudafast™ Blue 2749	PB 15:1	Phthalocyanine	●	●	●			●	8/8	5/4	280	3	-
Sudafast™ Blue 2764	PB 15:1	Phthalocyanine	●	●	●			●	8/8	5/5	300	4	-
Sudafast™ Blue 2778K	PB 15:3	Phthalocyanine	●	●	●	○	○	●	8/8	5/5	300	4	-
Sudafast™ Blue 2789	PB 15:3	Phthalocyanine	●	●	●	○	○	●	8/8	5/5	300	4-5	-
Sudafast™ Green 2730K	PG 7	Phthalocyanine	●	●	●	○	○	●	8/8	5/5	300	5	-

● Suitable for application ○ Potential Use

ABS - acrylonitrile-butadiene-styrene | **Nylon 6** - nylon 6 | **PBT** - polybutylene terephthalate | **PET** - polyethylene terephthalate | **PP** - polypropylene | **PS** - polystyrene | **PVC** - polyvinyl chloride | **Polyolefins** - polyethylene / polypropylene

Note:

Light fastness is assessed on 1-8 Blue Wool Scale, where 1=Poor & 8=Excellent. (Tested in HDPE: Full tone - 0.2 % & Tint - 1:10 % with TiO_2)

Weather fastness is assessed on 1-5 Grey Scale, where 1=Poor & 5= Excellent. (Tested in HDPE: Full tone - 0.2 % & Tint - 1:10 % with TiO_2)

Resistance to heat is tested in HDPE polymer at 1/3rd standard depth of pigment with 1.00% TiO_2.

Migration in PVC-P is assessed on 1-5 Grey Scale, where 1=Heavy Bleeding & 5= No Bleeding.

* Thermal decomposition of diarylide pigment occur if processed above 200°C

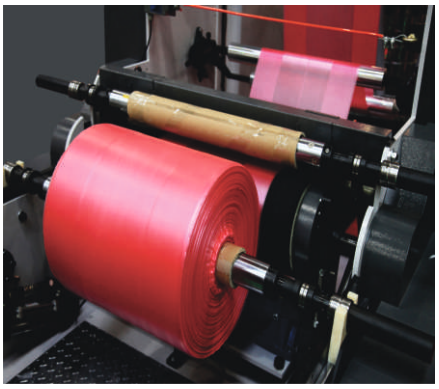
KF Series - Pigments for film & fiber applications

Product Name	C.I.Name	Applications	
		Polyolefins Film	PP Fiber
Sudacolor™ Yellow 165KF	PY 13	●	○
Sudafast™ Yellow 129KF	PY 191	●	●
Sudafast™ Yellow 137KF	PY 83	●	○
Sudacolor™ Red 507KF	PR 53:1	●	●
Sudacolor™ Red 570KF	PR 48:3	●	●
Sudaperm™ Red 2963KF	PR 170	●	●
Sudacolor™ Red 564KF	PR 48:2	●	●
Sudacolor™ Red 635KF	PR 57:1	●	●

● Suitable for application ○ Potential Use

New KF series is designed to meet the stringent requirement of masterbatch industries for film & fiber applications. KF series pigments are controlled for filter pressure value according to European standard EN13900-5.

These grades are suitable for all types of Polyolefins film and PP fiber applications.



Pigments for Inks

Product Name & Code	C. I. Name	Applications							Features
		WB Ink	NC-PU	PA	Vinyl-Eva	CLPP	Offset	Soap Fastness	
Sudacolor™ Yellow 163	PY 17		●	●	●	●	●	4-5	Bright, greenish transparent yellow
Sudacolor™ Yellow 190D	PY 174						●	4-5	Transparent yellow with excellent tinting strength
Sudacolor™ Yellow 169	PY 13	●					●	4-5	Transparent yellow with excellent printability
Sudacolor™ Yellow 197D	PY 13		●					4-5	Semi-transparent reddish yellow with high color depth
Sudacolor™ Yellow 166D	PY 83		●	●	●	●		4-5	Transparent reddish yellow with excellent fastness properties
Sudacolor™ Orange 211D	PO 34	●					●	4-5	Transparent reddish orange with good rheological properties
Sudacolor™ Red 511	PR 53:1						●	1-2	Transparent clean yellowish red with bronzing effect
Sudacolor™ Red 314	PR 2	●					●	3	Yellowish variant with good rheological stability
Sudacolor™ Red 312	PR 2	●	●				●	3	Mid shade red with good rheological stability
Sudacolor™ Red 316	PR 2	●					●	3	Mid shade red, suitable for high loading
Sudacolor™ Red 623	PR 57:1						●	2	Yellowish rubine with good gloss and print density
Sudacolor™ Red 609D	PR 57:1		●	●	○	○		2	Transparent yellowish rubine process magenta
Sudacolor™ Red 607D	PR 57:1		●	●	○	○		2	Transparent bluish rubine with excellent printability
Sudacolor™ Red 604	PR 57:1	●						2	Clean bluish rubine with good color depth
Sudafast™ Red 2974D	PR 146		●	●	●	●	●	5	Transparent bluish carmine with ARSR properties
Sudaperm™ Pink 3002D	PR 122		●	○	●			5	Brilliant magenta shade with excellent fastness properties
Sudaperm™ Pink 2999D	PR 122	●					●	5	Brilliant magenta shade with excellent tinting strength
Sudaperm™ Violet 2948D	PV 23	○	●	●		○	○	5	Bright bluish shade violet with excellent fastness properties
Sudafast™ Blue 2779D	PB 15:3		●	●	○	○		5	Transparent greenish blue pigment with excellent gloss
Sudafast™ Blue 2786D	PB 15:3	●					●	5	Semi transparent greenish process cyan
Sudafast™ Green 2718D	PG 7		●	●	○	○		5	Clean bluish green with excellent fastness properties

● Suitable for application ○ Potential Use

Sudajet™ Pigments for Digital Inks

Product Name & Code	C. I. Name	Applications				Features
		Aqueous Inkjet Ink	Solvent Base Inkjet Ink	UV Curing Inkjet Ink	Electrophotographic Toner	
Sudajet™ Yellow 5311D	PY 74	●			○	Highly transparent, good rheology for water base inkjet
Sudajet™ Red 5321D	PV 19	●	●	●	○	Highly transparent, high tinting strength
Sudajet™ Pink 5306D	PR 122	●	○		○	Yellowish magenta for waterbase inkjet
Sudajet™ Pink 5308D	PR 122	●	●	●		Most Yellowish magenta for waterbase UV inkjet ink
Sudajet™ Blue 5301D	PB 15:3	●	○		○	Good dispersability for water base inkjet ink
Sudajet™ Blue 5302D	PB 15:3	●	○		●	Good dispersability for water base & toner application

● Suitable for application ○ Potential Use

WB - Water Base | NC - Nitro Cellulose | PU - Poly Urethane | PA - Polyamide | CLPP - Chlorinated Polypropylene
Note: Soap fastness is assessed on 1-5 scale, where 1= poor & 5 = Excellent (Tested in 20% soap Jelly solution)

Sudatherm™- Complex inorganic color pigments

Product Name & Code	C. I. Name	Coating Applications					Plastic Applications						
		Solvent Base	Water Base	Industrial Paints	Powder Coatings	Coil Coatings	PS	PC	PET/PBT	NYLON 6	ABS	POLYOLEFINS	PVC
Sudatherm™ Yellow 6406C	PY 53	●	●	●	●	●							
Sudatherm™ Buff Yellow 6431C	PBr 24	●	●	●	●	●							
Sudatherm™ Tan 6416C	PY 119	●	●	●	●	●							
Sudatherm™ Brown 6411C	PY 164	●	●	●	●	●							
Sudatherm™ Copper Black 6461C	PBk 28	●	●	●	●	●							
Sudatherm™ Yellow 6406K	PY 53						●	●	●	●	●	●	●
Sudatherm™ Buff Yellow 6431K	PBr 24						●	●	●	●	●	●	●
Sudatherm™ Tan 6416K	PY 119						●				●	●	●
Sudatherm™ Brown 6411K	PY 164						●	●	●	●	●	●	●
Sudatherm™ Copper Black 6461K	PBk 28						●	●	●	●	●	●	●

● Suitable for application ○ Potential Use

Sudasol™- Solvent dyes for plastics

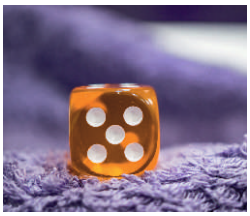
Product Name & Code	C. I. Name	Applications						
		PS	PC	PMMA	ABS	PET/PBT	Nylon 6	PVC-R
Sudasol™ Yellow 6521	SY 157	●	●	●	●	●		●
Sudasol™ Yellow 6501	SY 93	●	●	●	○	○		●
Sudasol™ Yellow 6746	SY 114	●	●	●	●	●		●
Sudasol™ Orange 6601	SO 60	●	●	●	●	●	○	●
Sudasol™ Red 6706	SR 135	●	●	●	●	●	○	●
Sudasol™ Red 6721	SR 179	●	●	●	●	●	●	●
Sudasol™ Red 6716	SR 207	●	○	●	●	●	○	●

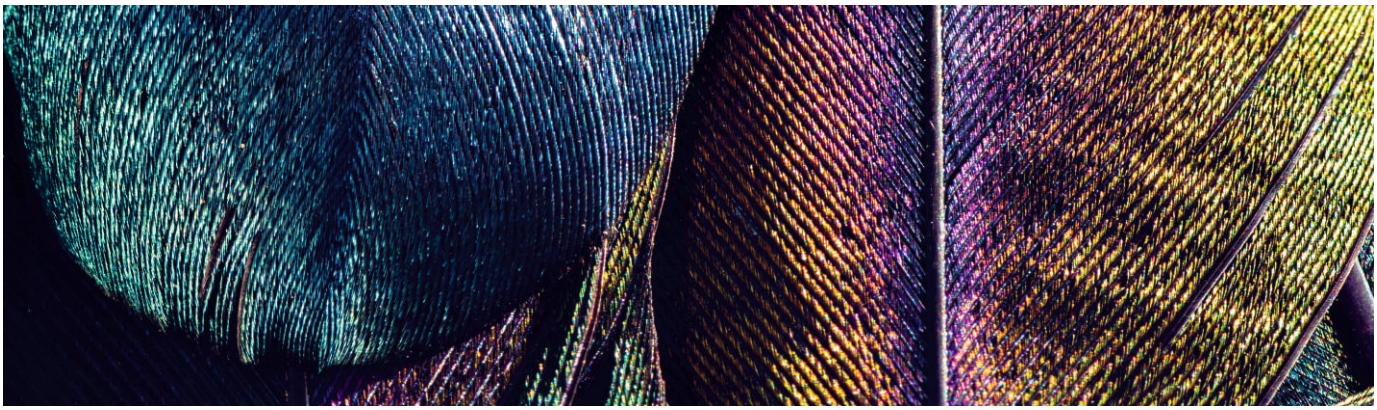
● Suitable for application ○ Potential Use

ABS - acrylonitrile-butadiene-styrene | **Nylon 6** - nylon 6 | **PBT** - polybutylene terephthalate | **PET** - polyethylene terephthalate | **PC** - polycarbonate | **PS** - polystyrene | **PVC** - polyvinyl chloride | **HIPS** - high impact polystyrene | **PVC - R** - polyvinyl chloride - rigid | **Polyolefins** - polyethylene / polypropylene









Sumica™ Pearlescent Pigments

	Product Name & Code	Particle Size µm	Features
Silvers	Sumica™ Silver Super Fine 4101	1-15	Natural mica platelets coated with Titanium Dioxide offers lustrous smooth satin silver to sparkling effect finishes. Available in a variety of particle size distributions.
	Sumica™ Silver Silky Fine 41124	1-25	
	Sumica™ Silver Fine 4191	1-25	
	Sumica™ Silver 41134	10-60	
	Sumica™ Silver 4179	10-60	
	Sumica™ Silver Sparkle 4194	10-100	
	Sumica™ Silver Flash 4152	15-150	
	Sumica™ Silver Super Flash 4153	20-200	
Golds	Sumica™ Bright Gold 4199	10-60	Natural mica platelets coated with Titanium Dioxide & Iron Oxide offering lustrous gold effect finishes. Available in a variety of particle size distributions.
	Sumica™ Medallion Gold Pi235	10-60	
	Sumica™ Luminous Gold 41634	10-60	
	Sumica™ Imperial Gold 41639	10-60	
	Sumica™ Sparkle Gold 4144	10-100	
	Sumica™ Super Flash Gold 41665	15-150	
Earth Tones	Sumica™ Bronze 4964	10-60	Natural mica platelets coated with Iron Oxide offering lustrous bronze, copper & maroon effect finishes. Available in standard & sparkle particle size distributions.
	Sumica™ Copper 4967	10-60	
	Sumica™ Maroon 4969	10-60	
	Sumica™ Red 4970	10-60	
	Sumica™ Super Bronze 4974	20-200	
	Sumica™ Super Copper 4977	20-200	
	Sumica™ Super Maroon 4979	20-200	
	Sumica™ Maroon 41937 NXR	10-40	
Iridescents	Sumica™ Iridescent Gold 4195	10-60	Natural mica platelets coated with Titanium Dioxide offering smooth, lustrous, two tone effect finishes. Available in standard particle size distributions.
	Sumica™ Iridescent Pink 4196	10-60	
	Sumica™ Iridescent Blue 4197	10-60	



Disclaimer : The information included here is based on the reliable data generated by our laboratories. Since the Performance of a pigment also depends on the additives and polymers used, we recommend that customers should test the suitable of the pigment for their end application. However, if we are provided with testing methods and samples, we would be glad to do the same.

Caution : We provided a special series of pigments to be used in cosmetics and food packaging materials. Only products designed for these applications should be used. We do not recommended that any of our products are used in sensitive applications which may come in contact with internal body organs or body fluids.

Pigments

Contact Us

Sudarshan Chemical Industries Limited
Global Head Office:
Eleven West Panchshil, 7th Floor, Survey No. 25,
Near PAN Card Club Road, Baner, Pune - 411 045, India.
Tel: +91 20 682 81 200
Email: contact@sudarshan.com

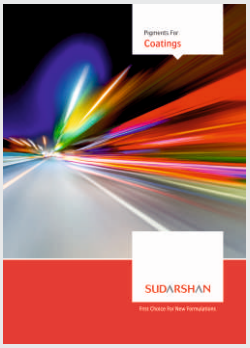
Sudarshan Europe B.V.
Kingsfordweg 151
1043 GR Amsterdam
Tel: +31 (0)20 491 9417
Email: eu@sudarshan.com

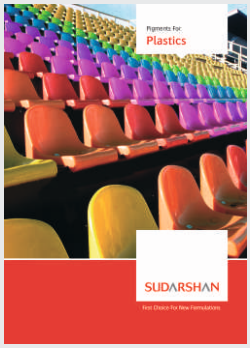
Sudarshan North America Inc.
76 N. Walnut Street
Ridgewood, NJ
USA 07450
Tel: +1 201 652 2046
Email: ordersusa@sudarshan.com

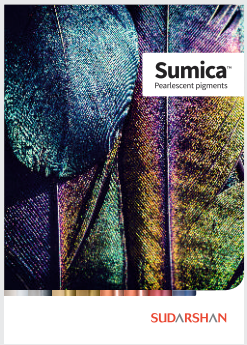
Sudarshan Japan Limited
8F KS Building 4-5-20 Kojimachi
Chiyoda-ku, Tokyo, Japan - 102 - 0083
Tel: +81 3 6867 1484
Email: japan@sudarshan.com

Sudarshan Mexico S. de R.L. de CV.
Av. Chalma s/n Oficina b-13
Jardines de la Hacienda Sur, 54720
Cuautitlan Izcalli, Edo. de Mexico, Mexico
Tel: +52 55 2472 0246
Email: mexico@sudarshan.com

Sudarshan (Shanghai) Trading Company Limited
Room 1911, 19/F New Hualian Mansion,
East Wing, No. 755 Middle Huaihai Road,
Huangpu District, Shanghai, China, 200020
Tel: +86 21 2215 7500, +86 21 2215 7559
Email: china@sudarshan.com







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