



Pigments

Pigments for
Plastics



SUDARSHAN
Outshine. Outdo.

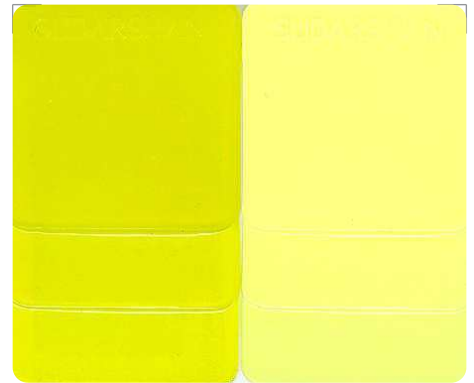
Pigments for Plastics



Sudaperm™
Yellow 3033K (PY138)



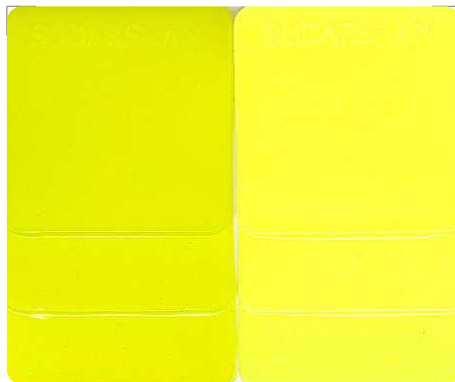
Sudaperm™
Yellow 3031K (PY138)



Sudacolor™
Yellow 114 (PY62)



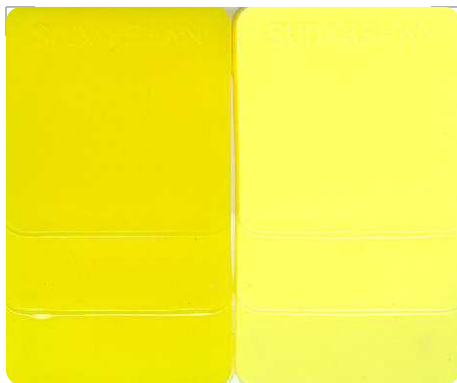
Sudaperm™
Yellow 2908 (PY180)



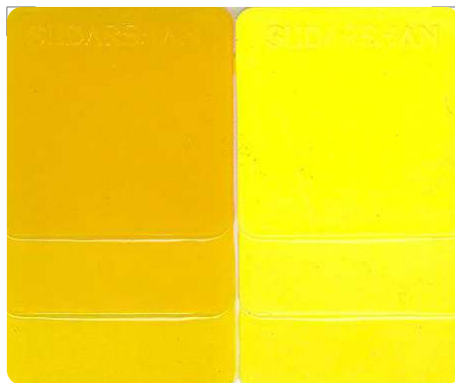
Sudaperm™
Yellow 2909 (PY180)



Sudacolor™
Yellow 165* (PY13)



Sudafast™
Yellow 129K (PY191)



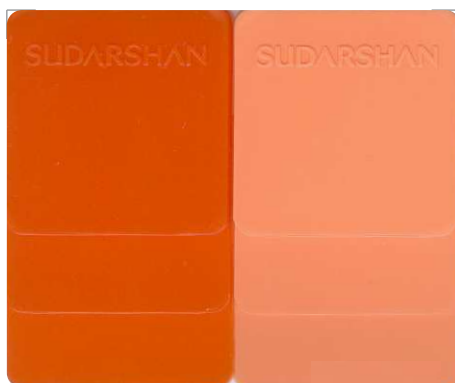
Sudaperm™
Yellow 2939K (PY139)



Sudaperm™
Yellow 2925K (PY110)



Sudaperm™
Yellow 2927 (PY110)



Sudaperm™
Orange 2917 (P064)



Sudacolor™
Orange 212* (P034)

Pigments for Plastics



Sudacolor™
Red 5016 (PR53:1)



Sudacolor™
Red 507K (PR53:1)



Sudacolor™
Red 570 (PR48:3)



Sudaperm™
Red 2963K (PR170)



Sudaperm™
Red 2967K (PR170)



Sudacolor™
Red 554 (PR48:2)



Sudacolor™
Red 564 (PR48:2)



Sudaperm™
Red 2985 (PV19)



Sudacolor™
Red 635 (PR57:1)



Sudaperm™
Pink 2991K (PR122)



Sudaperm™
Pink 2991 (PR122)



Sudaperm™
Violet 2946K (PV23)

Pigments for Plastics



Sudaperm™
Violet 2945K (PV23)



Sudafast™
Blue 2749 (PB15:1)



Sudafast™
Blue 2764 (PB15:1)



Sudafast™
Blue 2778K (PB15:3)



Sudafast™
Blue 2789 (PB15:3)



Sudafast™
Green 2730K (PG7)

KF Series - Pigments for film & fiber applications

| Product Name | C.I.Name | Applications | | | |
|-------------------------|----------|------------------|----------|-----------|-----------|
| | | Polyolefins Film | PP Fiber | PBT Fiber | PET 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 | ● | ● | | |
| Sudafast™ Blue 2778KF | PB 15:3 | ● | ● | ● | ● |
| Sudafast™ Green 2730KF | PG 7 | ● | ● | ● | ● |

● Suitable for application ○ Potential Use

Color Reproduction: For technical reasons connected with color reproduction, the colors shown may not exactly match the pigment colors and do not represent a particular finish. Full shades are reproduced with 0.2% pigment loading. Tint shades are reproduced with a ratio of Pigment: TiO₂ = 1:10 in PP Polymer.

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 suitability of pigments in their end application. However, if we are provided with testing methods and samples, we would be glad to do the same. We will do our best to provide products of consistent quality, within the scope of the conditions of sale and delivery. Should, in spite of these precautions, any liability be established, the damage, if any, will be limited to the value of the goods delivered by us and used by you.

Caution: 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.

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

Pigments for Plastics

Technical Information

| 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) | Bleeding 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 | ● | ● | ● | ● | | | ● | 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 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 | 4 | - |
| Sudaperm™ Violet 2945K | PV 23 | Dioxazine | ● | ● | ● | ○ | ○ | | ● | 7-8/7-8 | 4/3 | 280 | 4 | - |
| Sudafast™ Blue 2749 | PB 15:1 | Phthalocyanine | ● | ● | ● | ● | | | ● | 8/8 | 5/4 | 280 | 4 | - |
| 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 | 5 | - |
| Sudafast™ Blue 2789 | PB 15:3 | Phthalocyanine | ● | ● | ● | ● | ○ | ○ | ● | 8/8 | 5/5 | 300 | 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.

Weather fastness is assessed on 1-5 Grey Scale, where 1=Poor & 5= Excellent.

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

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

Pigments

Contact Us

Sudarshan Chemical Industries Limited

Registered Office:
Eleven West Panchshil, 7th Floor, Survey No. 25,
Near PAN Card Club Road, Baner, Pune - 411 069, 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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Association of Dyes and
Organic Pigments Manufacturers