

SAUJANYA EXPORTS

Saujanya Exports has 50 years of worldwide experience in the field of manufacturing & exporting of Pigment Powders, Food Colours, Lake Colours, Dyes, Ink Colours, Fast Salts, Fast Bases, FD&C Colours, D&C Colours, Blended Food Colours, Blood Stains & PH Indicators.

After a humble beginning in the textile city of India, Ahmedabad, in 1973, it has grown into a multi faceted, multi product company. Due to dynamic marketing, high morals, service & high standards of quality concern, the total group export turnover exceeds US \$30.00 million. We have a will to grow, both in national and international markets by offering best quality products to the customers. Our group has moved rapidly towards much higher growth & success since inception.

We have got well equipped laboratory for quality of Dyestuffs and Food Colours. We can meet the specific requirements of our customers due to our proper quality control and research.

We are exporting Food Colours, Lake Colours, Dyes & Pigments to United Kingdom, Indonesia, Malaysia, Singapore, Thailand, Mexico, Peru, Brazil, Argentina, South Africa, Netherlands, Spain, Phillippines, Italy, France, New Zealand, Australia, Egypt, Jordan, Russia, Morocco, Algeria, and Pakistan.

ORGANIC & INORGANIC PIGMENT POWDER

This pattern card illustrates the shades of selected organic and inorganic pigments from our range of Organic and Inorganic Pigments.

ORGANIC PIGMENTS are used in colouring of printing inks, paints, textile emulations, plastics, rubber, carbon paper and other quality of papers. These pigments are homogeneous and technically fine powders belonging to the azo and phthalocyanine groups.

INORGANIC PIGMENTS are mainly used in paints, printing inks, plastics and synthetic leather.

Numerical ratings are given on international scale as mentioned below:

FASTNESS ASSESSMENT:

Light: 1 -> 8 (Blue Scale)

Other Agencies: 1 -> 5

1 (Min) Poor and 8 (Max) Excellent

APPLICATION SUITABILITY INDICATED AS UNDER:

- - Recommend
- - Can Use

WE ARE MEMBER OF

- BASIC CHEMICALS, PHARMACEUTICALS & COSMETIC EXPORT PROMOTION COUNCIL (CHEMEXCIL)
- INDO AUSTRALIAN CHAMBER OF COMMERCE
- GUJARAT CHAMBER OF COMMERCE & INDUSTRY



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ORGANIC & INORGANIC PIGMENT POWDERS



804, Satkar Building, Nr. Swagat Building, C.G. Road, Navrangpura, Ahmedabad - 380006. INDIA

Tel: Office: +91 79 26562413, 26445441 | Fax: +91 79 26563622


Mobile: +91 9824029132

Email: saujanyaexports@gmail.com | Website: www.saujanyaexports.com


Pigment Powders • Food Colours • Lake Colours • Solvent Dyes • Acid Dyes

Direct Dyes • Basic Dyes • Reactive Dyes • Ink Colours • Naphthol Dyes • Fast Salts • Vat Dyes

Fast Bases • FD&C Colours • D&C Colours • Blended Food Colours • Blood Stains & PH Indicators

PHYSICAL PROPERTIES				PIGMENT POWDERS											
	Specific Gravity	Bulk Volume (liters/kg)	Oil Absorption (gm/100gm)		Reagents (1 - 5 Scale)				Solvents						
				pH of 2% Extract	Water	5% Acid (HCl)	5% Alkali (NaOH)	Lime	Ethanol	N-Butanol	N-Butyl Acetate	M.E.K.	White spirit	Xylene	Mixed NC Solvents
Phthalocyanine Alpha Blue Pigment Blue 15:0 C. I. No. 74160	1.6	6.0	35 ±2	6.8	5	5	5	5	5	5	4	4	5	4	4
Pigment Alpha Blue Pigment Alpha Blue 15:1 C. I. No. 74160:1	1.6	6.0	35 ±2	6.8	5	5	5	5	5	5	4	4	5	4	4
Phthalocyanine Beta Blue Pigment Blue 15:3 C. I. No. 74160:3	1.4	6.5	40 ±2	7.2	5	5	5	5	5	5	5	5	5	5	5
Phthalocyanine Green G Pigment Green 7 C. I. No. 74260	1.6	6.5	34 ±2	7.2	5	5	5	5	4-5	4-5	5	4-5	5	5	5
Phthalocyanine Green B Pigment Green 8 C. I. No. 10006	1.65	4.5	46 ±2	6.8	5	5	5	5	4	4	4	4	5	4	4
Pigment Yellow G Pigment Yellow 1 C. I. No. 11680	1.4	7.8	40 ±2	6.8	5	5	5	4	2-3	2-3	2	1-2	2-3	1-2	2-3
Pigment Yellow 10G Pigment Yellow 3 C. I. No. 11710	1.5	7.0	36 ±2	6.8	5	5	5	4	2-3	2-3	2	1-2	3	1	1
Pigment Yellow AG Pigment Yellow 12 C. I. No. 21090	1.4	7.5	50 ±2	6.8	5	5	5	5	5	2	2	2	4	2	3
Pigment Yellow AR (transparent) Pigment Yellow 12 C. I. No. 21090	1.4	7.8	52 ±2	6.8	5	5	5	5	5	2	2	2	4	2	3
Pigment Yellow ARX Pigment Yellow 13 C. I. No. 21100	1.4	5.8	38 ±2	6.8	5	5	5	5	5	4	4	4	5	3-4	3
Pigment Yellow ARX (transparent) Pigment Yellow 13 C. I. No. 21100	1.4	6.2	40 ±2	6.8	5	5	5	5	5	5	5	4	5	4	4
Pigment Yellow AGG Pigment Yellow 14 C. I. No. 21095	1.4	6.0	45 ±2	6.8	5	5	5	5	5	4	4	3	5	3	3
Pigment Yellow 17 Pigment Yellow 17 C. I. No. 21105	1.3	6.8	60 ±2	6.8	5	5	5	5	5	4	4	4	5	4	3
Pigment Yellow 65 Pigment Yellow 65 C.I.No. 11740	1.45	6.2	45 ±2	6.8	5	5	5	5	5	4	3	3	3-4	4	3-4
Pigment Yellow 74 Pigment Yellow 74 C.I.No. 11741	1.4	7.0	37 ±2	6.8	5	5	5	5	5	4	4	4	5	3	1

FASTNESS PROPERTIES																			
Plasticizers / Oil (1 - 5 Scale)								Light (1 - 8 Scale)		Heat (1 - 5 Scale)		Over-spray (1 - 5 Scale)				Application	Full Strength Reduction 1:10		
Cellosolve	Diethylene Glycol	D.B.P.	D.O.P.	Linseed Oil	Oleic Acid	Soap	Paraffin Wax	Full Strength	Reduction TiO ₂	150°C (300°F) 20 Minutes	180°C (355°F) 10 Minutes	120°C (250°F) 30 Minutes	N.C. Lacquer	Print Finish (1 - 5 Scale)	Litho Break (1 - 5 Scale)				
3	5	5	5	5	5	5	5	7	6	5	4	2-3	2-3	4	4	● Offset Ink. Oil Paint ● Plastic ○ Emulsion Paint ○ Textile Printing Paste	<div><div></div><div></div></div>		
3	5	5	5	5	5	5	5	7	6	5	4	2-3	2-3	4	4	● Offset Ink. Oil Paint ● Plastic ○ Emulsion Paint ○ Textile Printing Paste	<div><div></div><div></div></div>		
5	5	5	5	5	5	5	5	7	6	5	5	5	5	4	4	● Ink (offset, aqueous) ● Paint (oil, emulsion) ● Textile Printing Paste ○ Solvent Paint. Plastic	<div><div></div><div></div></div>		
4-5	5	5	5	5	5	3	5	7-8	6-7	5	5	5	5	4	4	● Ink (offset, aqueous) ● Textile Printing Paste ● Paint (oil, emulsion) ● Plastic	<div><div></div><div></div></div>		
2	4	2	2	5	5	5	5	6-7	5-6	5	4	3	4	4	4	● Ink ● Plastic ● Rubber	<div><div></div><div></div></div>		
3	4	4	3-4	5	4-5	4	4-5	7	5-6	4	2	2	3-4	2	3	Bright Color ● Emulsion Paint ● Aqueous Ink ○ Offset Ink, Solvent Paint	<div><div></div><div></div></div>		
1-2	4	3	3-4	4-5	4	4	4-5	7	4-5	3-4	3-3	3-4	3-4	1	4	High Color Strength, Good Gloss ● Emulsion Paint ● Aqueous Ink ○ Offset Ink, Solvent Paint	<div><div></div><div></div></div>		
3	5	5	5	5	5	5	5	4-5	4-5	4-5	4	3	2	3	4	Transparent Type ● Ink (offset, aqueous) ○ Plastic	<div><div></div><div></div></div>		
2	4	5	5	5	5	5	5	2-5	3-4	3-4	3	1	1	4	4	Bright Color, Light Ink Color ● Offset Ink ● Aqueous Ink	<div><div></div><div></div></div>		
4	5	5	5	5	5	5	5	6-7	4-5	5	4	4	4	4	3	Red Shade, High Color Strength ● Ink (offset, aqueous) ○ Textile Printing Paste	<div><div></div><div></div></div>		
4	5	5	5	5	5	5	5	6-7	4-5	5	4	4	4	4	4	Transparent Type ● Ink (offset, aqueous) ○ Textile Printing Paste	<div><div></div><div></div></div>		
4	5	5	5	5	5	5	5	4-5	2-3	5	4	4	2	3	3	Bright Green Shade, Fine Particles ● Aqueous Ink ● Emulsion Paint ○ Textile Printing Paste	<div><div></div><div></div></div>		
4	5	5	5	5	5	5	5	6-7	4-5	5	4	4	2	4	4	High Color Strength, Good Dispersion ● Plastic ● Offset Ink	<div><div></div><div></div></div>		
3-4	4	3	3	5	5	4	3	6-7	4-5	4	4	4	3	4	4	Easy Dispersing, Bright Color ● Aqueous Ink ● Emulsion Paint ● Textile Printing Paste	<div><div></div><div></div></div>		
4-5	4	5	5	5	5	5	5	7-8	5	4	2	2	2	5	4	Good Light Resistance, High Covering Power ● Paint (emulsion, solvent) ● Aqueous Ink ● Textile Printing Paste	<div><div></div><div></div></div>		

PHYSICAL PROPERTIES				PIGMENT POWDERS											
	Specific Gravity	Bulk Volume (liters/kg)	Oil Absorption (gm/100gm)		Reagents (1 - 5 Scale)				Solvents						
				pH of 2% Extract	Water	5% Acid (HCl)	5% Alkali (NaOH)	Lime	Ethanol	N-Butanol	N-Butyl Acetate	M.E.K.	White sprit	Xylene	Mixed NC Solvents
Pigment Yellow 83 Pigment Yellow 83 C.I.No. 21108	1.45	5.0	45 ±2	6.8	5	5	5	5	5	5	3	3-4	3-4	4	3-4
Pigment Yellow 174 Pigment Yellow 174 C.I.No. 21098	1.35	4.0	43 ±2	6.8	5	5	5	5	5	4	4	3	3	3	3
Pigment Di Nitraniline Orange Pigment Orange 5 C.I.No. 12075	1.6	5.5	52	6-8	5	5	5	5	5	3	2-3	2	4	2	2
Pigment Orange G Pigment Orange 13 C.I.No. 21110	1.55	7.0	50 ±2	6.8	5	5	5	5	4	3	2	1-2	3	1	1
Pigment Orange HF Pigment Orange 34 C.I.No. 21115	1.5	7.0	45 ±2	6.8	5	5	5	5	3-4	3	4	3	3	3	3
Pigment Red F2R Pigment Red 2 C.I.No. 12310	1.5	5.5	50 ±2	6.8	5	5	5	3-4	3-4	2-3	3	1	2-3	3-4	1
Pigment Red 3 Pigment Red 3 C.I.No. 12120	1.55	6.6	50 ±2	6.8	5	5	5	5	3	2	2	1	4	1	1
Pigment Red F4R Pigment Red 8 C.I.No. 12335	1.4	6.8	58	6.8	5	5	5	5	2	1	2	1	3	1	1
Pigment Red 22 Pigment Red 22 C.I.No. 12315	1.4	6.5	40 ±2	6.8	5	5	3	5	2	1	3	2	3	2	3
Pigment Red 23 Pigment Red 23 C.I.No. 12355	1.8	6.5	50 ±2	7	5	5	5	5	5	4	4	4	4	2	2
Pigment Scarlet BBN Pigment Red 48:1 C.I.No. 15865:1	1.9	2.8 ±2%	45	6-8	4-5	3	3	5	4-5	4	3	4-5	4-5	1-2	4
Pigment Red F2B Pigment Red 48:2 C.I.No. 15865:2	1.6	4.8	45 ±2	6.8	5	5	5	5	4	4	4	4	4	4	2
Pigment Red BBS Pigment Red 48:3 C.I.No. 15865:3	1.8	7.6	45	6-8	4-5	4-5	4-5	4	3-4	3-4	3-4	3-4	4-5	1-2	2
Pigment Red 2B Pigment Red 48:4 C.I.No. 15865:4	1.6	4	55	6-8	4-5	3	3-4	4	4-5	3-4	3-4	5	5	5	2
Pigment Red 49:1 Pigment Red 49:1 C.I.No. 15630:1	1.6	7.8	40 ±2	6.8	5	2	5	5	4	4	4	3	4	3-4	3

FASTNESS PROPERTIES																			
Plasticizers / Oil (1 - 5 Scale)								Light (1 - 8 Scale)		Heat (1 - 5 Scale)		Over-spray (1 - 5 Scale)							
Cellosolve	Diethylene Glycol	D.B.P.	D.O.P.	Linseed Oil	Oleic Acid	Soap	Paraffin Wax	Full Strength	Reduction TiO ₂	150°C (300°F) 20 Minutes	180°C (355°F) 10 Minutes	120°C (250°F) 30 Minutes	N.C. Lacquer					Print Finish (1 - 5 Scale)	Litho Break (1 - 5 Scale)
3-4	5	5	5	5	5	5	5	6-7	4-5	5	4	4	4	5	4	Bright Red Shade, Good Gloss ● Offset Ink ● Plastic ● Paint			
2	3-4	4	4	5	4	4-5	5	6-7	4-5	5	4	4	4	5	4	● Offset, Gravure, Flexo ○ O.B.D., Distempers ○ Aqueous Colors For Textiles			
2	2	2	2	3	2	5	3	6	5	3-4	2-3	2-3	2	1	4	High Color Strength ● Aqueous Ink ● Textile Printing Paste			
2	4	5	5	5	5	3	5	5-6	3-4	3-4	3	2	2	4	3	High Color Strength, Bright Yellow Shade ● Ink (offset, aqueous) ● Plastic ● Textile Printing Paste			
2	4	5	5	5	5	3	5	5-6	3-4	3-4	3	2	2	4	3	Bright Color, Good Gloss ● Ink (offset, aqueous) ● Textile Printing Paste ● Plastic			
1	2	2	2	5	4	1	5	6-7	3-4	3-4	2	2	2	4	4	Bright Color, Easy Dispersing ● Aqueous Ink ● Textile Printing Paste ○ Air Drying Paint			
1	2	2	2	4	4	1	5	6-7	3-4	3-4	2	2	2	3	4	Blue Shade, Good Gloss ● Air Drying Paint ● Emulsion Paint			
2	4	3	3	5	5	4-5	5	5-6	3-4	3	2	2	2	4	4	Yellow Shade, Good Fluidity ● Textile Printing Paste ● Offset Ink ● Aqueous Ink			
2	3	2	2	5	4	4	5	5	3	5	4	5	4	4	4	High Transparency And Color Strength. Fine Particle ● Aqueous Ink ● Textile Printing Paste			
3	4	3	3	5	4	4	5	7	6	5	4	5	4	4	4	Blue Shade, Bright Color ● Aqueous Ink ● Textile Printing Paste			
4	2	3-4	3-4	4-5	4	5	4	4	2-3	3-4	3	2	2	4	3	High Color Strength ● Ink (offset) , Plastic ○ Ink (gravure)			
2	2	5	5	5	5	2	5	7	6-7	4-5	4	4	4	4	4	High Color Strength, Easy Dispersing ● Solvent Ink ○ Plastic			
3-4	2	3-4	3-4	4	4	2-4	4	6-7	5-6	4-5	4	4	4	4	4	High Color Strength ● Ink (flexo, gravure), Plastic ● Ink (offset)			
3-4	4-5	4-5	3-4	4	2-3	5	5-6	3-4	5-6	4-5	4	4	4	4	4	High Color Strength ● Paint, Plastic ● Textile Printing Paste			
2	2	3	3	5	5	2	5	5	3	5	4	4	4	2	3	Good Gloss, Good Fluidity ● Offset Ink ○ Aqueous Ink			

PHYSICAL PROPERTIES				PIGMENT POWDERS											
	Specific Gravity	Bulk Volume (liters/kg)	Oil Absorption (gm/100gm)		Reagents (1 - 5 Scale)				Solvents						
				pH of 2% Extract	Water	5% Acid (HCl)	5% Alkali (NaOH)	Lime	Ethanol	N-Butanol	N-Butyl Acetate	M.E.K.	White spirit	Xylene	Mixed NC Solvents
Pigment Red 49:2 Pigment Red 49:2 C.I.No. 15630:2	1.6	5.5	44	6.8	5	5	5	5	2	2	2	2	2	2	2
Pigment Lake Red C (opaque) Pigment Red 53:1 C.I.No. 15585:1	1.8	6.5	50 ±2	7.5	5	3	2	4	4	2	2	1	4	1	1
Rubine Toner CAO (opaque) Pigment Red 57:1 C.I.No. 15850:1	1.6	5.8	54 ±2	7.0	5	2	2	3	4	2	2	2	5	3	2
Pigment Red BB Pigment Red 112 C.I.No. 12370	1.6	6.0	37 ±2	7.2	5	5	5	4-5	3-4	2	2	1-2	3-4	3	2-3
Pigment Fast Pink 122 Pigment Red 122 C.I.No. 73915	1.4	6.5	55	6.5 7.5	5	5	5	5	4	2	2	5	4	5	1
Pigment Carmine FB Pigment Red 146 C.I.No. 12485	1.4	6.6	46 ±2	6.8	5	5	5	5	2	2	3	2	4	5	2
Pigment Red 170 Pigment Red 170 C.I.No. 12475	1.4	4.4	39	7.2	5	5	5	-	5	5	4	4	3	3	3
Pigment Violet Toner Pigment Violet 3 C.I.No. 42535:2	1.4	3.5	60	7.1	4	1	1	-	2	2	4	3	4	1	3
Pigment Fast Violet 19 Pigment Violet 19 C.I.No. 73900	1.4	-	65 70	7	5	5	-	5	4	2	2	5	4	5	1
Pigment Violet 23 Pigment Violet 23 C.I.No. 51319	1.52	5.0	65 ±2	6.5 7.5	5	5	5	5	5	5	5	5	4	5	5





PIGMENT PROPERTIES & APPLICATIONS :

Product	Code	C.I. No.	C.I. Name	Physical Properties			Bleeding In				Heat Resistance		
				Oil Adsorbillion	Specific Gravity	Bulk Density	Water	5% Caustic Soda	5% HCl	Raw Linseed Oil	120°C 30 Mir	150°C 20 Mir	180°C 10 Mir
Zinc Chrome	09	77655	Y-36	23	3.5	0.55	3	2	1	5	S	S	D
Primerose Chrome	21	77603	Y-34	24	5.6	1.25	5	1	3	5	S	S	D
Lemon Chrome	38	77603	Y-34	26	5.4	0.82	5	1	3	5	S	S	D
Middle Chrome	HTS*	77603	Y-34	23	5.2	0.85	5	1	3	5	S	S	S
Scarlet Chrome	HTS*	77605	R-104	19	5.5	0.95	5	3	3	5	S	S	S

Y : Yellow | R : Red | *HTS quality is stable for 250* C 10 Min | 5 : No Bleed | 1 :Considerable Bleed | S : Stable | D : Darkness

FASTNESS PROPERTIES																			
Plasticizers / Oil (1 - 5 Scale)								Light (1 - 8 Scale)		Heat (1 - 5 Scale)		Over-spray (1 - 5 Scale)				Application	Full Strength	Reduction 1:10	
Cellosolve	Diethylene Glycol	D.B.P.	D.O.P.	Linseed Oil	Oleic Acid	Soap	Paraffin Wax	Full Strength	Reduction TiO ₂	150°C (300°F) 20 Minutes	180°C (355°F) 10 Minutes	120°C (250°F) 30 Minutes	N.C. Lacquer	Print Finish (1 - 5 Scale)	Litho Break (1 - 5 Scale)				
2	2	2	2	4	2	2	5	3-4	2-3	3-4	2-3	2-3	2	1	4	Slight Blue Shade, High Color Strength ● Aqueous Ink ● Textile Printing Paste	<div><div></div><div></div></div>		
1	2	3	3	5	4	1	4	4	1-2	4-5	4-5	2	2	4	4	High Gloss, High Color Strength ● Ink (offset, aqueous) ○ Plastic	<div><div></div><div></div></div>		
2	2	4	4	5	4	1	4	5-6	3-4	4	3	2	2	4	3	● Ink ● Plastic ● Emulsion Paint	<div><div></div><div></div></div>		
2	3	3	3	5	4	4	3	6-7	5-6	3	2	2	2	4	4	Good Light Resistance ● Ink (offset, aqueous) ● Emulsion Paint ○ Plastic	<div><div></div><div></div></div>		
1	2	2	2	4	4	1	5	8	8	3-4	2	2	2	3	4	● Ink (offset, aqueous) ● Emulsion Paint ○ Plastic	<div><div></div><div></div></div>		
2	3	3	3	5	4	2	5	6-7	3-4	4	3	3	3	3	4	● Aqueous Ink ● Textile Printing Paste ○ Plastic	<div><div></div><div></div></div>		
3	4	4	4	5	4	4	4	7	6	5	4	5	4	5	4	Good Light Resistance ● Solvent Paint ● Textile Printing Paste ○ Ink (aqueous, offset)	<div><div></div><div></div></div>		
3	3	1	1	4	3	1	3	6	3	3	3	4	4	-	-	● Printing Inks (offset & flexo, gravure, water base, TPC inks) ● Leather Cloth ● N.C Lacquer	<div><div></div><div></div></div>		
1	2	2	2	4	4	1	5	8	8	3-4	2	2	2	3	4	● Ink (offset, aqueous)	<div><div></div><div></div></div>		
5	5	5	5	5	5	5	5	7.8	6.7	5	5	5	5	4.5	4.5	● Printing Inks (offset, gravure, flexo, TPC inks) ● Emulsion Paint ● O.B.D.	<div><div></div><div></div></div>		

● - Recommend ○ - Can Use

Applications									
Enamel Paints	Stoving Enamel Paints	NC Lacquer Paints	Offset Ink	Polymade Ink	NC Based Liquid Ink	Aqueous Ink	PVC Leather Cloths	Plastics	Full Strength Reduction 1:10
✓	-	-	-	-	-	-	-	-	
✓	✓	✓	✓	✓	-	-	✓	-	
✓	✓	✓	✓	✓	✓	✓	✓	-	
✓	✓	✓	✓	✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	✓	✓	✓	✓	