

Solvent Yellow Dyes

Fine powder — yellow to orange-yellow

Product Description

Range of solvent-soluble yellow dyes for industrial applications.

Certificate of Analysis

HSN Code: 3204.19 CAS Number: Varies by specific dye Classification: Hazardous

Parameter	Specification	Test Method
Dye Assay / Purity (by weight)	≥ 90.0 % - 98.0 %	HPLC / UV-Vis
Color Strength (vs. standard)	≥ 90 %	Dyeing test / Spectrophotometer
Moisture Content	Max 0.5% - 1.5%	Gravimetric
Ash Content	Max 0.5%	Gravimetric
Particle Size	100% pass 80 mesh	Sieving / Laser Diffraction
pH (1% aqueous slurry)	5.0 – 8.0	pH meter
Volatile Matter / Solvent Residue	Max 0.5%	GC
Heavy Metals (as Pb)	Max 10 ppm	AAS / ICP-OES

Physical Properties

Appearance: Fine powder — yellow to orange-yellow

Solubility: Soluble in aromatic & aliphatic hydrocarbons, chlorinated solvents, ketones

Packing: 25 kg, 50 kg multi-wall kraft bags with PE lining or 25/50 kg HDPE drums, 500–1000 kg FIBC bulk bags

Storage: Store in a cool, dry, well-ventilated area away from direct sunlight and heat sources. Keep containers tightly closed.

Safety & Handling

PPE: Gloves, goggles, dust mask

Hazards:

- Skin irritation
- Eye irritation
- Respiratory hazards
- Combustible dust
- Environmental hazards