

Chrome Pigment

Chrome-based pigments for coloring

Product Description

Chrome oxide and other chrome-based pigments for industrial applications.

Certificate of Analysis

HSN Code: 3206.20

CAS Number: 1308-38-9 (for Chromium Oxide)

GHS Pictogram: Hazardous

Parameter	Specification	Test Method
Appearance	Green to yellow fine powder (as per grade)	Visual
Chemical Composition	Chromium oxide-based pigment	-
A s s a y (a s C r , O f)	Min 99.0% (for Chrome Green)	XRF / Gravimetric
Moisture Content	Max 0.5%	Gravimetric (105°C)
Oil Absorption	15 – 25 g/100 g	ASTM D281
pH (10% aqueous suspension)	6.0 – 8.5	pH Meter
Residue on 325 Mesh	Max 0.5%	Sieve Analysis
Water Soluble Salts	Max 0.5%	Conductivity / Gravimetric
Volatile Matter (at 105°C)	Max 1.0%	Gravimetric
Specific Gravity	5.0 – 5.2	ASTM D153
Tinting Strength	Min 95% (compared to standard)	Visual / Colorimetric
Heat Resistance	U p t o 1 0 0 0 ° C (f o r C r , O f p i g m e	Furnace Test
Light Fastness	Excellent (8 on Blue Wool Scale)	ISO 105-B02
Weather Resistance	Excellent	Visual Exposure Test

Physical Properties

Appearance: Green to yellow fine powder (as per grade)

Packing: 25 kg / 50 kg HDPE laminated woven bags with inner liner, 1 MT jumbo bags for bulk industrial applications

Storage: Store in a cool, dry, and covered area. Keep away from acids, strong oxidizers, and moisture. Avoid dust generation.

Safety & Handling

PPE: Respiratory protection, gloves, goggles

Hazards:

- Eye irritation
- Skin irritation
- Specific target organ toxicity