

Chrome Yellow TDS

Item	Specification
Product Type	Yellow Pigment
Form	Medium Yellow Powder
Chemical Family	Lead Chromate (PbCrO ₄)
Color Index	Pigment Yellow 34 (77600)
CAS No.	7758-97-6
Recommended Applications	Inks, Coatings, Plastics

Color Value & Tinting Strength

Parameter	Minimum	Maximum	Standard test method
Binder	Test Pigment Paste R-05	-	Similar To Wet System As Per DIN 6174
Color Shade	Approximate	Slight Difference	No. 001. 2001-01-01
Titanium Dioxide Reduction (1:2)	R-706	-	No. 038. 2009-08-01
ΔL*	-0.7	0.7	-
Δa*	-0.7	0.7	-
Δb*	-0.7	0.7	-
ΔE*ab	-	1.0	-
Relative Tinting Strength [%]	95	105	No. 038. 2009-08-01

Parameter	Minimum	Maximum	Test Method
Water Soluble Matter [%]	–	1.0	DIN ISO 787 Part 3
pH Value	4.0	8.0	DIN ISO 787 Part 9
Volatile Matter at 105°C [%]	–	0.8	DIN ISO 787 Part 2
Residue on Sieve (0.045mm) [%]	–	0.5	DIN 53195
Oil Absorption [g/100g]	–	22	DIN ISO 787 Part 2

Packaging

- 25kg per bag
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Transportation & Storage

To avoid weathering effects, store in a dry place and avoid drastic temperature changes. For opened products, tightly seal the packaging to prevent moisture absorption and contamination.

Safety

Under relevant EU directives and regulations of EU member states, this product is not classified as a hazardous substance and is not considered dangerous under transport regulations. For countries outside the EU, ensure compliance with local regulations on the classification, packaging, labeling and transportation of hazardous substances. Always refer to the corresponding Safety Data Sheet (SDS) for safety and ecological handling information.
