HEUCO®FIT LR Yellow 1006401

SUDARSHAN

Full Shade	Reduction 2:1 TiO₂

Product Description

HEUCO®FIT LR is a pigment preparation of inorganic and/or organic pigments and extenders. HEUCO®FIT LR Yellow 1006401 is a medium shade yellow with excellent opacity and high tinting strength. Due to its brilliant and clean color shade it can be used as a direct replacement of lead chromate pigments.

Appearance	Yellow powder

Technical Data

	Unit	Value	Test Method
Density	[g/cm³]	typ. 3.6	acc. to ISO 787-10
Bulk volume	[l/kg]	typ. 2.1	
Oil absorption	[g/100g]	typ. 23	acc. to ISO 787-5

Fastness Properties

Resistance to Chemicals

	Value	Test Method
Acid	5	rating acc. to DIN EN ISO 105-A03
Alkali	5	rating acc. to DIN EN ISO 105-A03

Acid/alkali resistance: Product was dipped into hydrochloric acid (10%) or soda solution (10%). Rating with gray scale: 1=poor, 5=excellent.

	Value	Test Method
Overpainting fastness	5	rating acc. to DIN EN ISO 105-A03
Heat resistance [°C]	150	acc. to DIN EN 12877-2
Weather fastness [full shade]	4 - 5	acc. to DIN EN ISO 16474-2/DIN EN ISO 20105-A02

Overpainting: Tested in alkyd/melamine system with 30 minutes baking time at 160 °C. Rating with gray scale: 1=poor, 5=excellent.
Heat resistance: Tested in 2K acrylic system.
Weather fastness: Tested in water based automotive system. Rating with gray scale after 2000 h accelerated weathering: 1=poor, 5=excellent.

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Application Profile

Automotive coatings	
General industrial coatings	+++
Coil coatings	
Powder coatings	
Decorative coatings	+++
Plastics	

+++ Excellent choice   ++ Good choice   + Possible choice

Packaging and Handling

Packaging	15 kg paper bags

Safety

Product contains diarylide pigments. These pigments should not be used at processing temperatures exceeding 200 °C due to potential cleavage to 3,3'-dichlorobenzidine (DCB) under these conditions.

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