HEUCO®FIT LR Yellow 1007001P

Full Shade	Reduction 1:5 TiO_2

Product Description

HEUCO®FIT LR is a pigment preparation of inorganic and/or organic pigments and extenders. HEUCO®FIT LR Yellow 1007001P is a red shade yellow with excellent opacity and high tinting strength. Due to its brilliant and clean color shade combined with a high heat stability it can be used as a direct replacement of lead chromate pigments.

Appearance	Yellow powder

Technical Data

	Unit	Value	Test Method
Volatile matter (105 °C)	[%]	<1.0	
Density	[g/cm³]	typ. 3.0	acc. to ISO 787-10
Bulk volume	[l/kg]	typ. 2.9	
Oil absorption	[g/100g]	typ. 20	acc. to ISO 787-5

Fastness Properties

Resistance to Chemicals

	Value	Test Method
Acid	3	rating acc. to DIN EN ISO 105-A03
Alkali	2 - 3	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
Migration	5	acc. to DIN EN 14469-4/DIN EN ISO 105-A03
Heat resistance [°C]	280	acc. to DIN EN 12877-2
Light fastness [full shade]	8	acc. to DIN EN ISO 4892-2/DIN EN ISO 105-B02
Weather fastness [full shade]	3 - 4	acc. to DIN EN ISO 4892-2/DIN EN ISO 20105-A02

Heat resistance: Tested in HDPE system.
Migration: Tested in platicized PVC system. Rating with gray scale: 1=poor, 5=excellent.
Light fastness: Tested in rigid PVC system. Rating with 8-step wool scale: 1=poor, 8=excellent.
Weather fastness: Tested in LDPE system. Rating with gray scale after 2000 h accelerated weathering: 1=poor, 5=excellent.

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Disclaimer - The information given in this data sheet is based on the present state of our knowledge & is intended as a general description of our products & their possible applications. Neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Because of the multitude of formulations, production & application conditions, all the above mentioned data have to be adjusted to the circumstances of the processor. As customer use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in any particular application. In addition to that, the legal rights of third parties must always be considered. No liabilities, including those for patent rights, can be derived from this fact for individual cases. It cannot be ruled out that this product contains particles < 0.1 µm. Any user of this product is responsible for determining the suitability of Sudarshan's products for its particular application & to ensure that any proprietary rights & existing laws & legislation are observed.

Application Profile	
PVC	+++
Polyolefins	+++
Engineering plastics	+
Fibres	+

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

Packaging and Handling	
Packaging	15 kg paper bags

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