



### Product Description

HEUCO®FIT LR is a pigment preparation of inorganic and/or organic pigments and extenders. HEUCO®FIT LR Yellow 1007001 is a red 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/cm <sup>3</sup> ]	typ. 3.0	acc. to ISO 787-10
Bulk volume	[l/kg]	typ. 3.6	
Oil absorption	[g/100g]	typ. 25	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]	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.

Tds-hf\_y1007001-01\_02

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

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.

Tds-hf\_y1007001-01\_02

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.