

## Technical Data Sheet

### SPP-8008 Pigment Red

**C.I. Pigment Red 101**

**Red Iron Oxide**

**EINECS # 215-722-3**

**C.I. #77491**

**CAS# 1309-37-1**

*SPP-8008* is a yellowish Red oxide.

It is a high-qualified inorganic color pigment suitable for a wide range of demanding colorant applications.

Typical applications include plastics, industrial coatings, paints, ceramics, concrete, cement and mortar.


It is tightly controlled for color and chemical properties. It yield reliable performance properties which offer outstanding light fastness, opacity, chemical resistance, heat stability, exterior durability and compatibility. This product is highly micronized to offer easy dispersion with high-speed impeller (Cowles type ) milling equipment or single & twin screw extruders.

#### PHYSICAL PROPERTIES

#### TEST METHOD

Specific Gravity (g/cm <sup>3</sup> )	4.90 (±0.1)	DIN-ISO 787 part/Teil 10
Oil Absorption (g/100 g)	20.0	DIN-ISO 787 part/Teil 5
Median size (µm)	0.9	HORIBA LA-950V2
pH	5.0 - 7.0	DIN-ISO 787 part/Teil 9
Heat resistance	> 500 °C	
Fastness to Light	> 7	DIN 54003
Fastness to Weather	> 4	DIN 54001
Sieve residue (325 mesh / 45µm)	< 0.1 %	DIN 53195
Moisture	< 0.5 %	DIN-ISO 787 part/Teil 2

#### PRODUCT SPECIFICATION

	Tintone	
DL*	+/- 0.8	
Da*	+/- 0.8	
Db*	+/- 0.8	
DE*	max. 1,0	
Colour Strength	+/- 5 %	

(In CIE Lab-units, tested according to Ferro test procedure PVDF paint in comparison to standard quality. Illuminant D65, 10°, SCI)

We confirm that all batches of SPP-8008 shipped will conform to the above Product Specification. Material may be shipped outside this specification only if agreed to by the customer.

Data or recommendations are based on laboratory preparation and/or testing samples; therefore they cannot be expected to fully duplicate commercial production or field performance. Final approval and acceptance should be based on appropriate production and service tests. Color chips are for reference only. Colors will appear differently in various formulations