## **TECHNICAL DATA SHEET**





Edition of2014-02-18TypeRed pigmentDelivery FormPowder

Chemical Class Synthetic iron oxide alpha-Fe<sub>2</sub>O<sub>3</sub>

Color Index Pigment red 101(77491)

**CAS No.** 1309-37-1

Relative tinting strength [%]

Use Recommendation Construction Industry

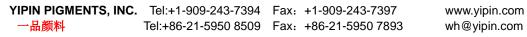
COLOR VALUES AND TINTING STRENGTH					
Reference			Standard: ASTM		
	<u>Min</u>	<u>Max</u>	Test Method		
Reduction with titanium dioxide (1:2)	R-706		ASTM D 387		
△ <b>L*</b>	-0.7	+0.7			
rianglea*	-0.7	+0.7			
<b>△b*</b>	-0.7	+0.7			
△E*ab		1.0			
Binder	R-	05			

95.0

105.0

ASTM D 387

TECHNICAL DATA			
	<u>Min</u>	<u>Max</u>	Test Method
Water-Soluble Content [%]		1.0	ASTM D 1208
Sieve Residue (0.045mm) [%]		0.5	ASTM D 185
Fe <sub>2</sub> O <sub>3</sub> [%]	95.0		ASTM D 50
Moisture (After Production) [%]		1.0	ASTM D 280
Particle Shape	Spherical		Electron Micrographs



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# YIPIN® Iron Oxide Pigment Iron Oxide Red S140



	Approx.	
Predominant Particle size [µM]	0.3	Electron Micrographs
Oil Absorption [g/100g]	15~25	ASTM D 281
Density [g/ml]	∼5.0	ASTM D 153

STANDARD PACKAGING	50LB/bag
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### TRANSPORT AND STORAGE

Protect against weathering. Store in a dry place and avoid extreme fluctuations in temperature. Special conditions for opened packaging: Close bags after use to prevent the absorption of moisture and contamination.

#### **SAFETY**

The product is not classified as dangerous under the relevant EC directives and corresponding national regulations valid in the individual EU member states. It is not dangerous according to transport regulations. In countries outside the EU, compliance with the respective national legislation concerning the classification, packaging, labeling and transport of dangerous substances must be ensured.

The information contained in the safety data sheet should be observed.

This contains information on handing, product safety and ecology.

This information is given in good faith, without warranty. It is also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General conditions of sale and delivery.