## **TECHNICAL DATA SHEET**



YIPIN® Iron Oxide Pigment Iron Oxide Orange S5084

Edition of 2015-02-18
Type Orange pigment

**Delivery Form** Powder

Chemical Class Synthetic iron oxide

Color Index Pigment Yellow 42(77492)/ Pigment Red

101(77491)

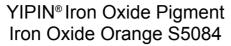
**CAS No** 20344-49-4/1309-37-1

**Use Recommendation** Construction

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			
L*	-0.7	+0.7				
a*	-0.7	+0.7				
b*	-0.7	+0.7				
E*ab		1.0				
Binder	R-05					
Relative tinting strength [%]	95.0	105.0				

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	<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> [%]	88.0		ASTM D 50	
Moisture (After Production) [%]		1.0	ASTM D 280	
PH Value	4.0	7.0	ASTM D 1208	

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Approx.

Oil Absorption [g/100g]

25~35

ASTM D 281

STANDARD PACKAGING

20kg/bag, 50LB/bag

## 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.

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