



ARIHANT CHEMICAL CORPORATION & J.J ENTERPRISE

For paints / inks / plastic / Rubber industries Raw material available with us under self import / Manufacturing / Trading.



Product Specification: - Red Oxide

Supplier: Manufactures

Arihant Chemical Corporation.

24/5, Krishna kunj bldg, behind arora

:Arora cinema, opp. Sahakari bhandar

Sewari wadala road, Matunga (C.R) Mumbai- 40019.

CELLULAR:-9820142066 – 9029042066

info@arihantchemcorp.com or nilesh@arihantchemcorp.com

General description

Type : Red pigment

Chemical class : Synthetic iron oxide α -Fe₂O₃

Delivery form Powder

Colour index Pigment red 101(77491)

CAS No. 1309-37-1

Specified values

Colour values and tinting strength

Reference	BF4125 powder standard 1998		Test method
	Min.	Max.	
Binder	Sacolud® L 640		
Full shade			
?L*	-0.5	0.5	Colour measurement to DIN 6174
?a*	-0.8	0.8	
?b*	-0.8	0.8	
?E*		1.0	

Reduced shade with Titanium dioxide TRONOX® R-KB-2 (1 : 5) (?L* = 0)

?a*	-0.8	0.8	Colour measurement to DIN 6174 and DIN 55 986
?b*	-0.8	0.8	
?E*		1.0	

Binder Heavy spar

TS_{rel} [%] 95 105 Test procedure DIN 55 913

Regd Off: - Plot no 24 Block no .5, 1st floor, Behind Aurora cinema , opp Sahakari bhandar, Matunga (C.R) Mumbai – 400019

Administration /correspondence Office :- Plot No. 319, Room No.3, Ranchoddas Terrace building ,sir Bhalchandra Road, opp Hira House, Near Chhatre Maternity Hospital, Matunga (C.R) Mumbai – 400019 Tel :- +91 22 24148378 / 24146390

Mob :- MR NILESH MEHTA +91 9820142066 / +91 8850378208/+91 9029042066

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Specified values (continued)

Technical data

	Min.	Max.	Test method
Sieve residue (on 0.045 mm mesh) [%]		0.05	DIN 53 195
pH	5	7	ISO 787 part 9

Informative technical data (guide values)

	Min.	Max.	Test method
Fe ₂ O ₃ [%]	95		DIN 55 913
SiO ₂ + Al ₂ O ₃ [%]		0.6	DIN 55 913
Loss on heating at 1000°C, ½ h [%]		4.0	DIN 55 913
Water-soluble salts [%]		0.5	ISO 787 part 3
Water content (ex works) [%]		1.0	ISO 787 part 2
Oil absorption [g/100g]		approx. 22	ISO 787 part 5
Particle shape		spherical	
Tamped apparent density [g/cm ³]		approx. 1.0	ISO 787 part 11
Density [g/cm ³]		approx. 5.0	ISO 787 part 10

Packing

Standard packing : 25-kg bag
1,000-kg bulk bag

Transport and storage conditions

Protect from atmospheric conditions: store in a dry place and avoid extreme temperature fluctuations.

Special conditions for opened packages:

Close bag after use to prevent moisture intake and soiling

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