



ARIHANT CHEMICAL CORPORATION & J.J ENTERPRISE

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

Product Specification: - Brown 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	:	Brown pigment
Chemical class	:	Synthetic iron oxide
Delivery form	:	Powder
Colour index	:	Mixture of
	:	Pigment yellow 42 (77492)
	:	Pigment red 101 (77491)
	:	Pigment black 11 (77499)
CAS No:	:	20344-49-4
	:	1309-37-1
	:	1317-61-9

Specified values

Colour values and tinting strength

Reference	BF 4610 powder standard 1996		
	Min.	Max.	Test method
Binder	Sacolyd® L 640		
Full shade			
ΔL *	-0.5	0.5	Colour measurement to DIN 6174
Δa*	-0.8	0.8	
Δb*	-0.8	0.8	
ΔE*		1.0	
Reduced shade with Titanium dioxide TRONOX® R-KB-2 (1 : 5) (ΔL* = 0)			
Δa*	-0.8	0.8	Colour measurement to DIN 6174 and DIN 55 986
Δb*	-0.8	0.8	
ΔE*		1.0	
Binder	Heavy spar		
TS _{rel} [%]	95	105	Test procedure

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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Technical data

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

Informative technical data (guide values)

	Min.	Max.	Test method
Fe ₂ O ₃ [%]	94		DIN 55 913
SiO ₂ + Al ₂ O ₃ [%]		0.6	DIN 55 913
Loss on heating at 1000°C, ½ h [%]		6.0	DIN 55 913
Water-soluble salts [%]		0.5	DIN ISO 787 part 3
Water content (ex works) [%]		1.0	DIN ISO 787 part 2
Oil absorption [g/100g]		approx. 20	DIN ISO 787 part 5
Particle shape		irregular	
Predominant particle size [µ m]		0.1-0.8	Electron Mircographs
Tamped apparent density [g/cm³]		approx. 0.8	DIN ISO 787 part 11
Density [g/cm³]		approx. 4.5	DIN ISO 787 part 10 DIN 55 913

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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