

TECHNICAL DATA SHEET

Micronized Iron Oxide Red

Appearance	Red pigment
Delivery Form	Powder
Chemical Class	Synthetic iron oxide alpha-Fe ₂ O ₃
Color Index	Pigment red 101(77491)
CAS No.	1309-37-1
Use Recommendation	Coatings, Construction, plastic, Rubber, etc

TECHINICAL DATA		
<u>Item</u>	<u>Specification</u>	<u>Test Method</u>
Color Shade (△E) max	1.0	ISO787-1
Tinting Strength %	95-105	ISO787-24
Fe ₂ O ₃ [%] min	95.0	DIN 55913
Water-Soluble Content [%] max	0.2	ISO787 - 3
Sieve Residue (0.045mm) [%] max	0.1	ISO787 - 2
PH Value	4.0 ----7.0	ISO787 - 9
Moisture (After Production) [%] max	1.0	ISO 787 - 2
Oil Absorption [g/100g]	15-25	ISO787 - 5
Bulk Desnisty (g/cm3)	0.7-1.1	ISO787-11
Specific gravity(g/cm3)	5.0	ISO787-10

PACKAGING	25kg/bag.900kgs jumbo bags with pallet, wrapped and shrinking
Loading Quantity:	20mt in a 20'ft container

TRANSPORT & STORAGE: Protect against weathering / Store in a dry place

SAFETY: The product is not classified as hazardous under EC 1907/2006 & EC 1272/2008