



Technical Data Sheet

Trade Name	Iron oxide red 130
Chemical name	Diiron trioxide (Fe ₂ O ₃ · a H ₂ O)
Delivery form	Powder
Colour index	Pigment red 101 (77491)
CAS No./EC No.	1309-37-1/215-168-2
Specifications	
Contents	≥96%
Oil absorption	15-25ml/100g
Res. on 325 mesh	≤0.3%
Water soluble salts	≤0.3%
Moisture	≤1.0%
pH value	3.5-7.0
Ignition loss (1,000OC, ½ h)	≤1.0%
Bulk density	0.7-1.1 g/cm ³
Specific gravity	5.0 g/cm ³
Particle size BET	0.17 µm
Dispersibility (Hegman)	20/25/30µm
Tinting Strength (Compared with Standard)	95-105%
Color Difference Δ E (Compared with Standard)	≤1.0%
APPLICATION: RECOMMEND FOR PAINTS	