



FINE EARTH OXIDES
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FE₃O₄ JetBlack

PRODUCT INFORMATION

Description

Type	Black pigment
Delivery Form	Powder (Pigment Grade)
Chemical Class	synthetic iron oxide (Fe ₃ O ₄)
CAS Number	1317-61-9

Specification

	typical
Water Soluble Content (%)	2
Sieve Residue (325 mesh / 0.045mm sieve) (%)	0.5
pH Value	5

Standard Properties

Content equivalent to Fe ₃ O ₄ (%)	90
Content SiO ₂ TiO ₂ & Al ₂ O ₃ (%)	4
Loss on Ignition at 1,000 °C, 0.5hrs (%)	4
Moisture Content (%)	0.5
Primary Particle Information:	
Shape	plates / spheres
Average size (µm)	1.5
Less than 10 micron (%)	98
Less than 2 micron (%)	75
Oil Absorption (g/100g)	19
Tamped Density (g/ml)	1.6
Density (g/ml)	5.2

Transport & Storage

Protect against weather. Store in dry place and avoid extreme fluctuations in temperature. Close bags after use to avoid absorption of moisture and contamination.

Safety

This product is not classified as dangerous under the relevant EC directives. It is not dangerous according to transport regulation. Outside the EU compliance with the respective national legislation concerning classification, labelling and transport of such substances must be ensured.

Packaging

20 kg multiwall paper bag
20 kg 'meltable' heat sealed bags
1000kg bulk bag