



PT. BEHRINDOTAMA BUANA

Supplier of Industrial & Specialty Chemicals

Komplek Rukan Puri Mutiara Blok A/30

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TECHNICAL DATA SHEET

Product	Iron Oxide Black		
Type	758		
Chemical Name	Triiron Tetraoxide (Fe ₃ O ₄)		
Appearance	Black Powder		
CAS No.	1317-61-9		
EC No.	215-277-5		
Specifications	Contents (Fe ₃ O ₄) (%)	≥90	ISO1248
	Oil Absorption (g/100g)	15-25	ISO787-5
	Res. on 325 Mesh (%)	≤0.5	ISO787-7
	Water Soluble Salts (%)	≤0.4	ISO787-3
	Moisture at 105°C (%)	≤1.0	ISO787-2
	pH Value	5.0-8.0	ISO787-9
	Ignition Loss (1,000°C, ½ hs) (%)	≤1.0	DIN55913
	Bulk Density (g/cm ³)	0.5-1.1	ISO787-11
	Average Particle Size (µm)	0.35	Electron Micrographs
	Dispersibility (µm)	20/25/30	ISO787-20
	Tinting Strength (Compared with Standard) (%)	95-105	ISO787-24
	Color Difference ΔE	≤0.8	ISO787-1
Packing	25kg/paper bag, 1100kg/pallet		
Transport & Storage	Protect against weathering		
	Store in a dry place		
The product is not classified as hazardous under EC 1907/2006 & EC			