



TECHNICAL DATA SHEET

Hematite

Description	A dark grey free flowing powder
Pigment type	Platelets of mica coated with titanium dioxide and iron oxide
INCI Name	Mica (and) Titanium Dioxide (and) CI 77499

Chemical Composition	By weight	CAS No.	CI Number	Einecs
Mica	57–71 %	12001-26-2	77019	310-127-6
TiO ₂	20–28 %	13463-67-7	77891	236-675-5
Black Iron Oxide	9–15 %	1317-61-9	77499	215-277-5

Trace Elements	Lead (Pb)	10.0 ppm	max.
	Arsenic (As)	1.0 ppm	max.
	Mercury (Hg)	1.0 ppm	max.
	Antimony (Sb)	2.0 ppm	max.

pH (10 % aqueous solution)	5–8
Density	2,8–3,0 g/cm ³
Particle size	10–60 µm (90 % within the range)
Loss on drying	0–0,5 % (105 °C)
Total amount of bacteria	< 100 cfu/g
Yeast and Mould	< 100 cfu/g
Pathogens	negative
Color/Luster	visual

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