



TECHNICAL DATA SHEET

Silk Copper

Description A coppery brown free flowing powder

Pigment Type Platelets of mica coated with iron oxide

INCI Name Mica (and) CI 77491

Chemical Composition	By weight (%)	CAS	CI Number	Einecs
Mica	44-52	12001-26-2	77019	310-127-6
Red Iron Oxide	48-56	1309-37-1	77491	215-168-2

Trace Elements	Value max.	Unit
Antimony (Sb)	2	ppm
Arsenic (As)	1	ppm
Cadmium (Cd)	1	ppm
Chromium (Cr)	100	ppm
Copper (Cu)	50	ppm
Lead (Pb)	10	ppm
Mercury (Hg)	1	ppm
Nickel (Ni)	200	ppm
Zinc (Zn)	50	ppm

	Specification	Unit
PH (10 % aqueous solution)	5-8	pH
Particle size (90 % within the range)	5-25	µm
Loss on drying (105 °C)	< 0,5 %	%



	Specification	Unit
Density (g/cm ³)	3,5-3,7	g/cm ³
Oil Absorption	45-55	g/100 g
Total amount of bacteria	< 100	cfu/g
Yeast and Mould	< 100	cfu/g
Pathogens	negative	
Color/Luster	visual	

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