



TECHNICAL DATA SHEET

Red Jasper

Description	A warm red free flowing powder
Pigment Type	Platelets of mica coated with iron oxide and silica
INCI Name	Mica (and) CI 77491 (and) Silica

Chemical Composition	By weight (%)	CAS	CI Number	Einecs
Mica	26–34	12001-26-2	77019	310-127-6
Red Iron Oxide	48–52	1309-37-1	77491	215-168-2
Silicium Dioxide	18–22	14808-60-7	–	238-878-4

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)	3–7	pH
Particle size (90 % within the range)	10–60	µm
Loss on drying (105 °C)	< 0,5 %	%



	Specification	Unit
Density (g/cm ³)	2,5-3,4	g/cm ³
Oil Absorption	n. a.	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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