



## TECHNICAL DATA SHEET

### Dark Topaz

<b>Description</b>	A brown free flowing powder
<b>Pigment Type</b>	Platelets of mica coated with iron oxide
<b>INCI Name</b>	Mica, Iron Oxide

Chemical Composition	By weight (%)	CAS	CI Number	Einecs
Mica	48-64	12001-26-2	77019	310-127-6
Red Iron Oxide	28-36	1309-37-1	77491	215-168-2
Black Iron Oxide	8-16	1317-61-9	77499	215-277-5

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

	Specification	Unit
<b>PH</b> (10 % aqueous solution)	5-9	pH
<b>Particle size</b> (90 % within the range)	10-60	µm
<b>Loss on drying</b> (105 °C)	< 0,5 %	%



	<b>Specification</b>	<b>Unit</b>
<b>Density</b> (g/cm <sup>3</sup> )	2,8–3,2	g/cm <sup>3</sup>
<b>Oil Absorption</b>	n. a.	g/100 g
<b>Total amount of bacteria</b>	< 100	cfu/g
<b>Yeast and Mould</b>	< 100	cfu/g
<b>Pathogens</b>	negative	
<b>Color/Luster</b>	visual	

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