



1053770

## Technical Data Sheet

### Geoparl C Sapphire

<b>Description:</b>	A free flowing blue powder
<b>Pigment type:</b>	Platelets of mica coated with titanium dioxide and ferric ferrocyanide
<b>INCI Name:</b>	Mica (and) Titanium Dioxide (and) CI 77510

Chemical composition	By weight	Cas no.	CI number	Einecs
Mica	40 - 53 %	12001-26-2	77019	310-127-6
TiO <sub>2</sub>	42 - 50 %	13463-67-7	77891	236-675-5
Ferric Ferrocyanide	5 - 10 %	14038-43-8	77510	237-875-5

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

<b>pH (10% aqueous solution)</b>	5 - 8
<b>Density</b>	2,8 - 3,2 g/cm <sup>3</sup>
<b>Bulk density</b>	22 - 26 g/100ml
<b>Oil Absorption</b>	50 - 80 g/100g
<b>Particle size</b>	10 - 60 µm (90% within the range)
<b>Loss on drying</b>	0 - 0,5 % (105°C)
<b>tot. amount of bacteria</b>	< 100cfu/g
<b>Yeast and Mould</b>	< 100cfu/g
<b>Pathogens</b>	negative
<b>Color &amp; Luster</b>	visual

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