

WOLLASTONITE-1

CHEMICAL ANALYSIS

<u>PARAMETER</u>	<u>RESULT</u>
SiO ₂	49-53 %
Al ₂ O ₃	0,15-0,30 %
Fe ₂ O ₃	< 0,35 %
CaO	0,15-0,30 %
MgO	0.5-1,2 %
TiO ₂	0,02 %
S	0,02 %
PPM	0,0025-0,0032 %
Loss	1,5-2,5 %
Whiteness	82-90 %

PHYSICAL PROPERTIES

Colour	White
Particle Shape	Needles
PH	9
Hardness (Mohs)	4,5
Density (g/cm ³)	2,94
Melting Point (°C)	1540
Coefficient of Expansion (mm/mm/°C)	6,5 x 10 ⁻⁶
Oil Absorption (g/100g)	20-55
Refractive Index (%)	1,63
Water Solubility (g/100cc)	0,0095

PARTICLE SIZE

d10	4-6 µm
d50	20-23 µm
d90	58-64 µm