



PRODUCT: IOTALK SUPER FINE

DESCRIPTION: IOTALK SUPER FINE is a highly lamellar micronised talc product. It meets prime requirements for purity, hiding power and brightness.

MINERALOGY:	Talc	> 98.0 %
	Chlorite	< 1.5 %
	Calcite	trace
	Quartz	trace
	Asbestos	not detected

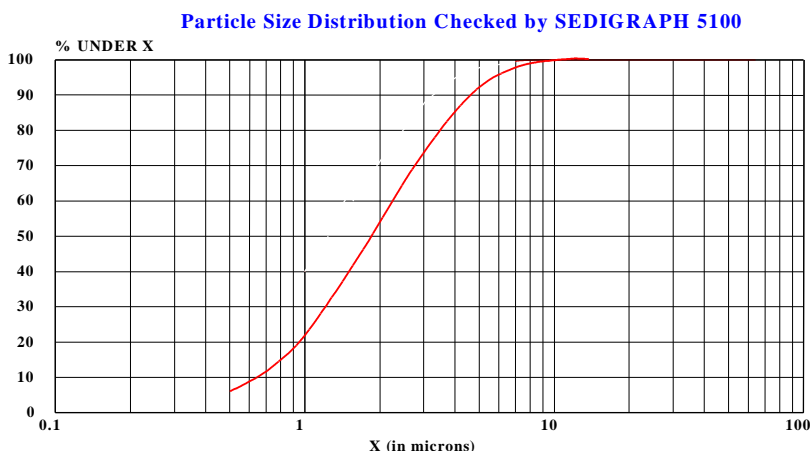
CHEMICAL ANALYSIS:	SiO ₂	min 61.0 %
	MgO	min 31.0 %
	CaO	max 0.3 %
	Fe ₂ O ₃	max 0.3 %
	Al ₂ O ₃	max 0.3 %
	HCl soluble content	max 1.5 %
	Loss on ignition [at 1000 °C]	max 6.0 %

PHYSICAL PROPERTIES OF THE RAW MATERIAL:	Density (ISO 787/10)	2.75 g/ml
	Hardness (Mohs)	1
	Refractive index	1.57

PHYSICAL PROPERTIES OF THE PRODUCT:

- D98 = 7.3 microns
- D90 = 4.8 microns
- D70 = 2.9 microns
- D50 = 1.8 microns

Dry Sieving Test
(ALPINE)
 >25microns max 0.01%



Bulk density (ISO 787/11)	0.30 g/ml
Loose bulk density	0.20 g/ml
BET Surface area	11 m ² /g
Oil Absorption	41 g/100g
pH (ISO 787/9)	8
Moisture content (ISO 782/2)	≤ 0.2 %

OPTICAL PROPERTIES:	DataColorSF600+ (d8°;C/2°)-DorfnerPress: 2.5bar
	L : min 97.50
	a : max -0.03
	b : max 1.40

The above values are based on measurements carried out according to our quality assurance system and thus must not be considered as