



PRODUCT: IOTALK No 30

DESCRIPTION: IOTALK No30 is a highly lamellar talc product. It is suitable for paint and varnish applications where fineness and brightness are demanded.

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

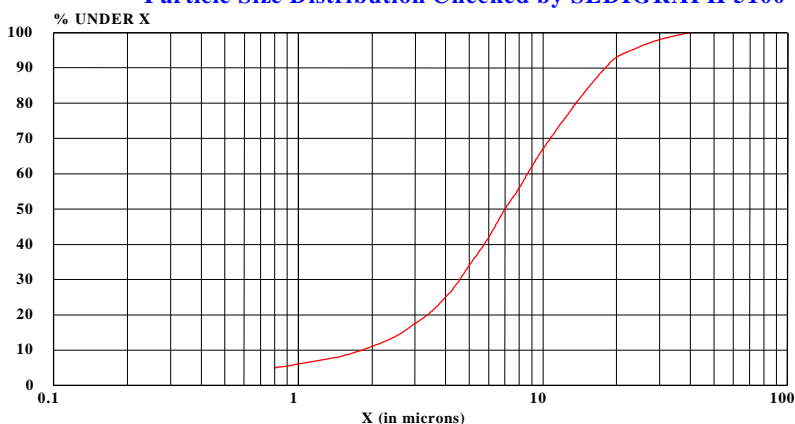
PHYSICAL PROPERTIES OF THE PRODUCT:

Particle Size Distribution Checked by SEDIGRAPH 5100

- D98 = 30.0 microns
- D90 = 18.0 microns
- D75 = 12.0 microns
- D50 = 7.0 microns
- D25 = 4.0 microns
- D10 = 1.8 microns

Dry Sieving Test
(ALPINE)

>63 microns max 0.05%



Bulk density (ISO 787/11)	0.80 g/ml
Loose bulk density	0.50 g/ml
Specific Surface (BET)	5.0 m ² /g
Oil Absorption	22 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	95.70
a : max	-0.12
b : max	2.40

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

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