

Product Data Sheet

Luzenac ST30

Typical Properties

Whiteness (Minolta CR300, illuminant D65/2°) Y.....	68.5
L* (CIE).....	86
a* (CIE).....	-0.2
b* (CIE).....	0.5
B.E.T. (ISO 9277).....	6 m ² /g
Blaine (Blaine 10).....	13800
Density (ISO 787/10).....	2.78 g/cm ³
Tapped bulk density (ISO 787/11).....	0.7 g/cm ³
Loose bulk density (EN 1097/3).....	0.5 g/cm ³
Hardness (Mohs' scale).....	1
pH (ISO 787/9).....	9
Oil absorption (ISO 787/5).....	34 ml/100g

Mineral Analysis (by thermogravimetric analysis)

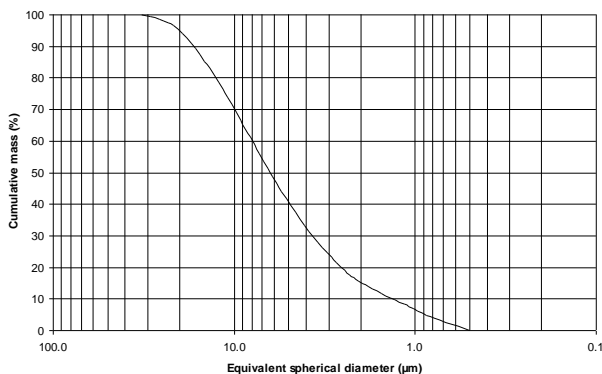
Talc/chlorite.....	98%
Dolomite and calcite.....	2%

Chemical Analysis (by X-ray fluorescence)

SiO ₂	48%
MgO.....	30%
Al ₂ O ₃	10.5%
Fe ₂ O ₃	2%
CaO.....	0.6%
Loss on ignition at 1050°C.....	9%
Moisture content at 105°C (ISO 787/2).....	< 0.5%
Screen residue (Alpine airjet) ≥ 32µm.....	0.5%

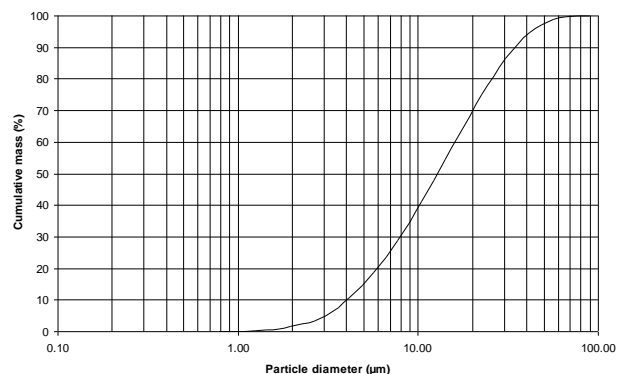
Particle Size Distribution by Sedigraph

Sedimentation analysis, Stokes' Law (ISO 13317-3)
Median Diameter: 6.3µm



by Laser Mastersizer

Laser diffraction, Mie Theory (ISO 13320-1)
Median Diameter: 12.8µm



Notice: Although the data listed are typical, they are not production specifications. The supplier provides the data in good faith, however it makes no warranty or representation of any kind, express or implied, regarding the information given or product described including any warranty of suitability for a particular purpose.

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