

Product Data Sheet

Luzenac 2

Dousselin

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Typical Properties

Whiteness (Minolta CR300, D65/2°) Y	73.9
L* (CIE)	88.9
a* (CIE)	-0.3
b* (CIE)	1.2
B.E.T. (ISO 9277)	2.9 m ² /g
Density (ISO 787/10)	2.78 g/cm ³
Tapped density (ISO 787/11).....	0.91 g/cm ³
Loose density (EN 1097/3)	0.44 g/cm ³
Hardness (Mohs' scale)	1
pH (ISO 787/9)	9
Oil absorption (ISO 787/5)	36 ml/100g

Mineral Analysis (by thermogravimetric analysis)

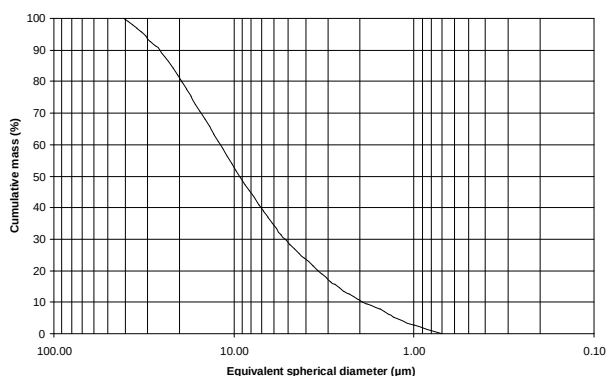
Talc/chlorite	97%
Dolomite and calcite	3%

Chemical Analysis (by X-ray fluorescence)

SiO ₂	46%
MgO	31%
Al ₂ O ₃	10%
Fe ₂ O ₃	1.9%
CaO	1.1%
Loss on ignition at 1050°C	9.4%
Moisture content at 105°C (ISO 787/2)	< 0.5%
Screen residue (Alpine airjet) ≥40µm	< 2%

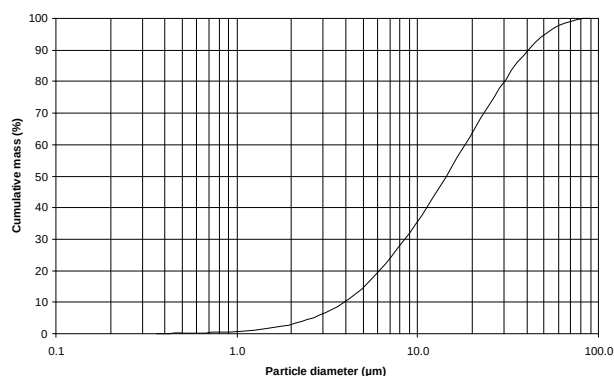
Particle Size Distribution by Sedigraph 5100

Sedimentation analysis, Stokes' Law (ISO 13317-3)
Median Diameter: 9.3µm



by Laser Mastersizer 2000

Laser diffraction, Mie Theory (ISO 13320-1)
Median Diameter: 14.2µm



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