

Product Data Sheet

Plastorit® 0000

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Typical Properties

Whiteness (Minolta CR300, illuminant D65/2°) Y	82
L* (CIE)	92.5
a* (CIE)	-0.4
b* (CIE)	3.2
B.E.T. (ISO 9277)	4.2m ² /g
Blaine (Blaine 10)	10000
Density (ISO 787/10)	2.78 g/cm ³
Tapped bulk density (ISO 787/11)	0.9 g/cm ³
Loose bulk density (EN 1097/3)	0.65 g/cm ³
Hardness (Mohs' scale) Mica/Chlorite	2
Hardness (Mohs' scale) Quartz	7
pH (ISO 787/9)	9.5
Oil absorption (ISO 787/5)	29 ml/100g

Mineral Analysis (by thermogravimetric analysis)

Mica / Quartz / Chlorite	100%
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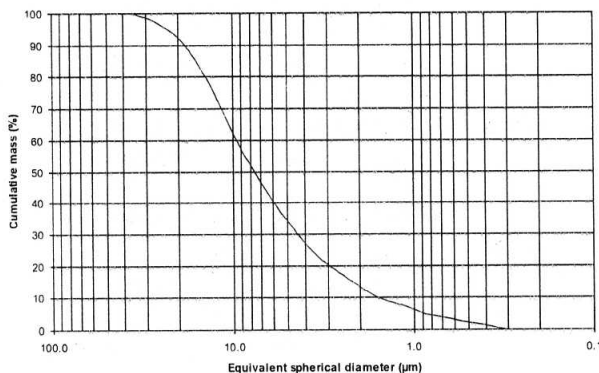
Chemical Analysis (by X-ray fluorescence)

SiO ₂	64%
MgO	10%
Al ₂ O ₃	16.5%
Fe ₂ O ₃	2.5%
K ₂ O	2%
Loss on ignition at 1050°C	4.5%
Moisture content at 105°C (ISO 787/2)	< 0.5%

Screen residue (Alpine airjet) > 32µm	0.5%
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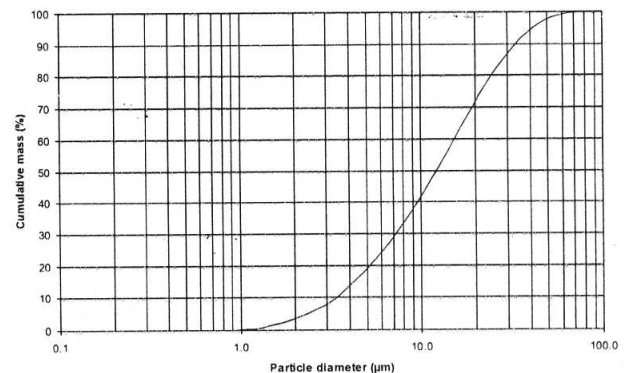
Particle Size Distribution by Sedigraph

Sedimentation analysis, Stokes' Law (ISO 13317-3)
Median Diameter: 7.5µm



by Laser Mastersizer

Laser diffraction, Mie Theory (ISO 13320-1)
Median Diameter: 12.2µm



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