

59984 Vulcano Ash, hollow glass bubbles

Physical Data

Bulk density:	180 – 210 kg/m ³
Spec. weight:	0.38 g/m ³
Oil absorption:	33.3 g / 100 cm ³
Alkalinity:	0.030
Humidity (20°C):	0
Solubility:	not soluble in water and solvents
pH-Value:	7.0
Color:	white
Thermal conductivity:	0.036 W/m ² °K
Melting point:	1260°C
Fire behavior:	not combustible

Chemical Analysis

SiO ₂	74.28 %
Al ₂ O ₃	12.8 %
K ₂ O	4.6 %
Na ₂ O	3.5 %
Fe ₂ O ₃	0.9 %
TiO ₂	0.1 %
CaO	0.9 %
MgO	0.2 %
Loss of ignition	2.8 %

Particle Size Distribution

d10	10 µm
d50	30 µm
d90	70 µm
Upper layer	120 µm

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