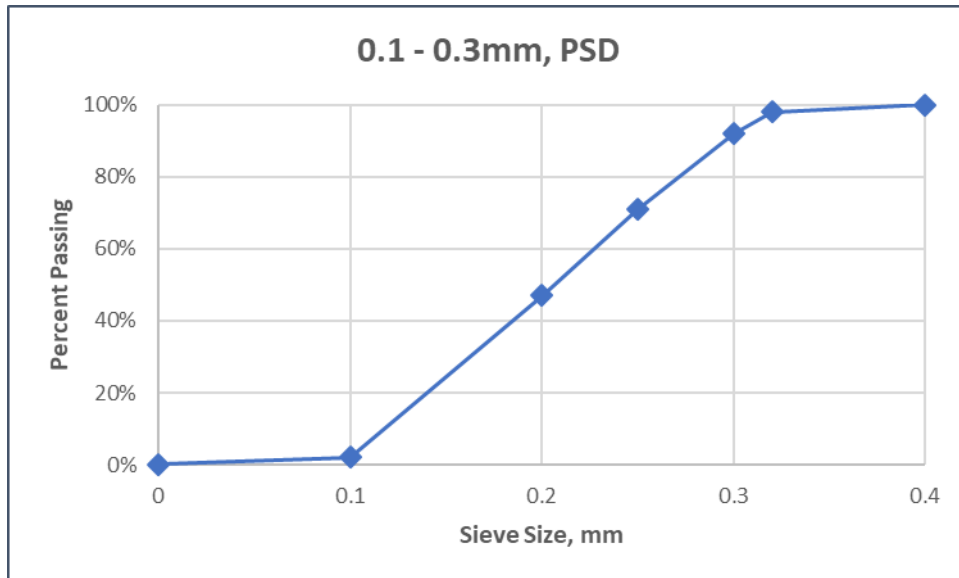


Technical Data Sheet

Ecolite 100/300

0.1 – 0.3mm Expanded Glass Granules



Properties	Standard Used	Measurement
Grain size (mm)	PSD Curve	0.1 - 0.3
Physical properties		
Loose bulk density (kg/m ³)	EN 1097-3	450
Particle density (kg/m ³)	DIN V 18004	800
Compressive strength (MPa)	EN 13055-1	≥3.5
Chemical properties		
Chloride (weight %)	DIN	< 0.01
Acid-soluble sulfat (weight %)	EN 1744-1	< 0.1
Total sulfur (weight %)		< 0.1
Other properties		
Thermal conductivity (W/(mK))	DIN 52612-1	NA
Water vapour diffusion resistance, μ	DIN 52615	NA
Fire classification	DIN 4102-4	A1
Material definition	EN 13055-1	Light weight aggregate

Chemical Identity of the Pure Substance: SiO₂ 72% ; Na₂O 13%; CaO 8%; MgO 3%; Al₂O₃ 2%; K₂O 1%

Date: 01/01/19