

TURKPERLITE

QUALITY CERTIFICATE

1.CHARACTERISTIC

Name of Product : Construction Perlite

Size of Product : 0,00 - 2,50 mm

Used For : Insulation, filling, fire resistant products, construction, dry mix mortars, plasters, Lightweight products, building materials,

2.CHEMICAL COMPOSITION

SiO ₂	71-74
Al ₂ O ₃	12-14
K ₂ O	5-6
Na ₂ O	3-4
MgO	0,10-0,20
CaO	0,8-0,1
Fe ₂ O ₃	0,5-1
TiO ₂	0,09-0,012
Loss of Ignition	3-4

3.PHYSICAL PROPERTIES

Rock Structures : Expanded Perlite	Color: White
Density : 75 - 85 kg/m ³	
Moisture max. : <1%	
Ph : 6 – 8,5	
Thermal conductivity: ~0,038 ~ 0,043 W/m.K	

4.SIEVE ANALYSIS %

US mesh	Mic.	%
7	2800	0-1
8	2400	0-10
16	1200	75-100
-16	-1200	0-10

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