

TURKPERLITE

QUALITY CERTIFICATE

1.CHARACTERISTIC

Name of Product : Insulation | Cryogenic | Construction purpose (Expanded Perlite)

Size of Product : 0- 1,20 mm

Used For : Insulation, cryogenic purpose, filling, gypsum plaster, construction, light 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 : 35 - 45 kg/m³

Thermal conductivity: 0,038 W/m.K

Moisture :max. : <1%

Ph : 6 – 8,5

4.SIEVE ANALYSIS %

SIEVE SIZE		% PASSING	
Mesh No	(mm)	Min.	Max.
14	1.20	90	100
20	0.850	65	100
30	0.600	30	95
50	0.300	10	70
100	0.150	0	30

TURKPERLITE

MEMBER OF ELAY GROUP OF COMPANIES

Mithatpasa Caddesi, 572/10 35280 Konak, Izmir, TURKiYE

Tel: +90 232 483 75 00 Mob | WhatsApp | Viber: +90 555 655 95 85

info@turkperlite.com | <https://www.turkperlite.com>