



## EKOPONS UNEXPANDED PERLITE Technical Data Sheet

### A. PHYSICAL PROPERTIES

Particle Size	: 2,8 – 1,2 mm
Loose Weight	: 1.100 – 1.350 g/lit
Free Moisture	: 1% max (by weight)
pH (10% slurry)	: 6,6 – 8,0
Colour	: Grey to dark grey

### B. CHEMICAL ANALYSIS :

Silica (SiO <sub>2</sub> )	: 73,46 %
Alumina (Al <sub>2</sub> O <sub>3</sub> )	: 12,00 %
Potassium Oxide (K <sub>2</sub> O)	: 5,14 %
Sodium Oxide (Na <sub>2</sub> O)	: 2,60 %
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	: 1,19 %
Lime (CaO)	: 0,62 %
Magnesium (MgO)	: 0,06 %
Titanium Dioxide (TiO <sub>2</sub> )	: 0,09 %
Phosphorus	: 0,01 %
Loss on Ignition	: 4,83 %

### C. CALIBRATION

Particle Size Distribution	% (Min - Max)
-2,80 mm +2,36 mm	10 – 25
-2,36 mm + 1,2 mm	70 – 90
-1,2 mm + 1,0 mm	0 – 5
-1,0mm	0 – 2

The physical or chemical properties of Ekopons Madencilik Sanayi ve Dış Ticaret A.Ş. products represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice.

**Technical data shown above are considered accurate and reliable; however, no guarantee is given nor intended.**

#### EKOPONS MADENCİLİK SANAYİ VE DIŞ TİCARET A.Ş.

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