



**Product Name:** Construction Perlite

**Product Code:** G1S

### Physical Properties

<b>Color</b>	White
<b>Refractive Index</b>	1.5
<b>Free Moisture, Max.</b>	0.5%
<b>pH</b>	6.5 - 7.5
<b>Specific Gravity</b>	0.32
<b>Bulk Density</b>	90-100 kg/m <sup>3</sup>
<b>Fusion Point</b>	1260-1343 °C
<b>Specific Heat</b>	837 J/ kg.k
<b>Thermal Conductivity At (24° C)</b>	0.04 -0.06 W/m.k
<b>Grain Size analysis</b>	2-3 ≥ (1.18 ) mm

#### **\*Application :-**

High temperature Applications in the steel industry such as :-

Perlite G1S is used in :

- Ladle topping .
- Hot topping and risering .
- In topping compounds.
- In exothermic and insulating shapes.

#### **\*Packing :-**

- 0.1 m<sup>3</sup> (100 Liter) Plastic Bag.