

Skamol Group Moler BB-Filler Aggregate Insulation

Category : Ceramic , Oxide , Silicon Oxide

Material Notes:

SKAMOL insulating aggregates have the following characteristics: Max. service temperature: Up to 900°C (1652°F) Back-up insulation Lightweight Good insulating properties Chemically inert Due to free-flowing properties Moler aggregates are ideally suitable as a loose-fill insulation for furnace cavities and double skin linings, over arched roofs and in open joints, leveling of furnace bottoms and hearths. Information provided by Skamol.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Skamol-Group-Moler-BB-Filler-Aggregate-Insulation.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------------------------------|-----------------------------------|-------------|
| Bulk Density | 0.545 g/cc | 0.0197 lb/in ³ | As Supplied |
| Loss On Ignition | 1.50 % @Temperature 1025 °C | 1.50 % @Temperature 1877 °F | |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|------------------------------------|---|---|
| Thermal Conductivity | 0.160 W/m-K @Temperature 200 °C | 1.11 BTU-in/hr-ft ² - °F @Temperature 392 °F | Mean temp.; BS 1902 Section 5.5 1991 |
| | 0.180 W/m-K @Temperature 400 °C | 1.25 BTU-in/hr-ft ² - °F @Temperature 752 °F | BS 1902 Section 5.5 1991 |
| | 0.200 W/m-K @Temperature 600 °C | 1.39 BTU-in/hr-ft ² - °F @Temperature 1110 °F | BS 1902 Section 5.5 1991 |
| Maximum Service Temperature, Air | 900 °C | 1650 °F | |

| Component Elements Properties | Metric | English | Comments |
|--------------------------------|--------|---------|----------|
| Al ₂ O ₃ | 9.0 % | 9.0 % | |
| CaO | 0.80 % | 0.80 % | |
| Fe ₂ O ₃ | 7.0 % | 7.0 % | |
| K ₂ O | 1.6 % | 1.6 % | |
| MgO | 1.3 % | 1.3 % | |
| Na ₂ O | 0.40 % | 0.40 % | |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|--------|---------|----------|
| S03 | 1.2 % | 1.2 % | |
| TiO2 | 0.70 % | 0.70 % | |

| Descriptive Properties | Value | Comments |
|----------------------------|-----------|--------------------------|
| Color | Red-Brown | |
| Pyrometric Cone Equivalent | 1350°C | ASTM C24-89, ORTON cones |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China