

**BB-FILLER**  
**SKAMOL Moler aggregate insulation**  
up to 900°C (1652°F)



<b>Maximum service temperature</b>			
	°C	900	
	°F	1652	
<b>Bulk density, as supplied</b>			
	kg/m <sup>3</sup>	550	
	lbs/cu.ft.	34	
<b>Pyrometric cone equivalent (ASTM C24-89 ORTON cones)</b>			
	°C	1350	
	°F	2462	
<b>Thermal conductivity (BS 1902: Section 5.5 1991)</b>			
mean temp.	@ 200°C	W/(m×K)	0.16
	@ 400°C		0.18
	@ 600°C		0.20
	@ 392°F	BTU/(sq.ft×h×°F/in)	1.11
	@ 752°F		1.25
	@ 1112°F		1.39
<b>Chemical analysis, typical</b>			%
Silica	SiO <sub>2</sub>		77
Titanium dioxide	TiO <sub>2</sub>		0.7
Ferric oxide	Fe <sub>2</sub> O <sub>3</sub>		7.0
Alumina	Al <sub>2</sub> O <sub>3</sub>		9.0
Magnesium oxide	MgO		1.3
Calcium oxide	CaO		0.8
Sodium oxide	Na <sub>2</sub> O		0.4
Potassium oxide	K <sub>2</sub> O		1.6
Sulphur trioxide	SO <sub>3</sub>		1.2
Loss on ignition 1025°C (1877°F)	LOI		1.5
<b>Colour</b>			Red-brown
<b>HS Tariff number</b>			
(Harmonized Commodity Description and Coding System)			2512.00.00

Skamol A/S  
Østergade 58-60  
DK-7900 Nykøbing Mors  
Denmark  
Tel: +45 9772 1533  
Fax: +45 9772 4975  
insulation@skamol.dk  
www.skamol.com

Data are average results of tests conducted under standard procedures and are subject to variation. Data contained in this data sheet are supplied in good faith as a technical service and are subject to change without notice. Misprint and errors excepted.

February 2009