

Gouda Vuurvast AK 80 FM Dense Refractory Brick

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

Description: This fused mullite based brick has a very good thermal shock resistance and an excellent resistance against liquid slags at high temperature. Remarks: This data represents average values, obtained from samples that were cut from standard bricks. Information provided by Gouda Vuurvast.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gouda-Vuurvast-AK-80-FM-Dense-Refractory-Brick.php

Physical Properties	Metric	English	Comments
Density	2.70 g/cc	0.0975 lb/in ³	Apparent
Porosity	17 %	17 %	Apparent

Mechanical Properties	Metric	English	Comments
Compressive Strength	50.0 MPa	7250 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.90 W/m-K	13.2 BTU-in/hr-ft ² - °F	
	@Temperature 650 °C	@Temperature 1200 °F	
	2.10 W/m-K	14.6 BTU-in/hr-ft ² - °F	
	@Temperature 100 °C	@Temperature 212 °F	
	2.20 W/m-K	15.3 BTU-in/hr-ft ² - °F	
	@Temperature 1100 °C	@Temperature 2010 °F	
Maximum Service Temperature, Air	1700 °C	3090 °F	Deformation under load - t _a
	1700 °C	3090 °F	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	76 %	76 %	
Fe ₂ O ₃	0.30 %	0.30 %	
SiO ₂	23 %	23 %	

Descriptive Properties	Value	Comments
Segecone	39	
Thermal Shock Resistance	30 cycles	DIN 51068

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