

Gouda Vuurvast AK 80 Dense Refractory Brick

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Description: A bauxite based quality with a high abrasion resistance. Widely used in rotary cement kilns. 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-Dense-Refractory-Brick.php

Physical Properties	Metric	English	Comments
Density	2.65 g/cc	0.0957 lb/in ³	Apparent
Porosity	19 %	19 %	Apparent

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

Thermal Properties	Metric	English	Comments
Thermal Conductivity	2.15 W/m-K	14.9 BTU-in/hr-ft ² - °F	
	@Temperature 650 °C	@Temperature 1200 °F	
	2.15 W/m-K	14.9 BTU-in/hr-ft ² - °F	
	@Temperature 1100 °C	@Temperature 2010 °F	
	2.30 W/m-K	16.0 BTU-in/hr-ft ² - °F	
	@Temperature 100 °C	@Temperature 212 °F	
Maximum Service Temperature, Air	1500 °C	2730 °F	
	1510 °C	2750 °F	Deformation under load - t _a

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	77 %	77 %	
Fe ₂ O ₃	1.6 %	1.6 %	
SiO ₂	18 %	18 %	

Descriptive Properties	Value	Comments
Seegercone	37-38	
Thermal Shock Resistance	25 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