

Gouda Vuurvast AK 85 PW Dense Refractory Brick

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Description: A phosphate bonded bauxite brick with outstanding erosion resistance and resistance against liquid aluminum. Application: aluminum holding furnaces. 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-85-PW-Dense-Refractory-Brick.php

Physical Properties	Metric	English	Comments
Density	2.85 g/cc	0.103 lb/in ³	Apparent
Porosity	16 %	16 %	Apparent

Mechanical Properties	Metric	English	Comments
Compressive Strength	100 MPa	14500 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
Thermal Conductivity	2.10 W/m-K	14.6 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 650 °C	@Temperature 1200 °F	
	2.50 W/m-K	17.4 BTU-in/hr-ft ² - °F	
	@Temperature 100 °C	@Temperature 212 °F	
Maximum Service Temperature, Air	1300 °C	2370 °F	Deformation under load - t _a
	1350 °C	2460 °F	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	83 %	83 %	
Fe ₂ O ₃	<= 1.5 %	<= 1.5 %	
SiO ₂	9.0 %	9.0 %	

Descriptive Properties	Value	Comments
Segecone	37	
Thermal Shock Resistance	16 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