

Gouda Vuurvast LP 60 AAP Dense Refractory Brick

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

Description: Special low porosity quality for use under severe corrosive conditions, (for instance liquid slags). Moreover, this brick has been extra protected against slag attack because it also contains P2O5 in it's chemical bond. LP 60 AAP has also an excellent thermal shock resistance. Application: incinerators and chemical waste installation. 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-LP-60-AAP-Dense-Refractory-Brick.php

Physical Properties	Metric	English	Comments
Density	2.65 g/cc	0.0957 lb/in ³	Apparent
Porosity	9.0 %	9.0 %	Apparent

Mechanical Properties	Metric	English	Comments
Compressive Strength	100 MPa	14500 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 100 °C	@Temperature 212 °F	
	1.92 W/m-K	13.3 BTU-in/hr-ft ² - °F	
	@Temperature 650 °C	@Temperature 1200 °F	
	1.92 W/m-K	13.3 BTU-in/hr-ft ² - °F	
	@Temperature 1100 °C	@Temperature 2010 °F	
Maximum Service Temperature, Air	1600 °C	2910 °F	Deformation under load - t _a
	1650 °C	3000 °F	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	58 %	58 %	
Fe ₂ O ₃	0.90 %	0.90 %	
SiO ₂	37 %	37 %	

Component Elements Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Seegercone		37	
Thermal Shock Resistance		30 cycles	DIN 51068

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