

Gouda Vuurvast LP 60 A Dense Refractory Brick

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

Description: This quality combines a dense structure with a very good thermal shock resistance. The extremely low porosity results in a very good slag resistance, a good abrasion resistance and high creep resistance. Application: incinerators, lime kilns, frit- melting 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-LP-60-A-Dense-Refractory-Brick.php

Physical Properties	Metric	English	Comments
Density	2.65 g/cc	0.0957 lb/in ³	Apparent
Porosity	8.0 %	8.0 %	Apparent

Mechanical Properties	Metric	English	Comments
Compressive Strength	80.0 MPa	11600 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.95 W/m-K	13.5 BTU-in/hr-ft ² - °F	
	@Temperature 100 °C	@Temperature 212 °F	
	1.95 W/m-K	13.5 BTU-in/hr-ft ² - °F	
	@Temperature 650 °C	@Temperature 1200 °F	
	1.95 W/m-K	13.5 BTU-in/hr-ft ² - °F	
	@Temperature 1100 °C	@Temperature 2010 °F	
Maximum Service Temperature, Air	1650 °C	3000 °F	
	1700 °C	3090 °F	Deformation under load - t _a

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	60 %	60 %	
Fe ₂ O ₃	1.0 %	1.0 %	
SiO ₂	36 %	36 %	

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

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