

Gouda Vuurvast GI 26 Insulating Refractory Brick

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

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-GI-26-Insulating-Refractory-Brick.php

Physical Properties	Metric	English	Comments
Density	0.810 - 0.890 g/cc	0.0293 - 0.0322 lb/in ³	Apparent

Mechanical Properties	Metric	English	Comments
Compressive Strength	4.00 - 6.00 MPa	580 - 870 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.230 - 0.330 W/m-K	1.60 - 2.29 BTU-in/hr-ft ² -°F	
	@Temperature 200 °C	@Temperature 392 °F	
	0.290 - 0.390 W/m-K	2.01 - 2.71 BTU-in/hr-ft ² -°F	
	@Temperature 600 °C	@Temperature 1110 °F	
	0.340 - 0.440 W/m-K	2.36 - 3.05 BTU-in/hr-ft ² -°F	
	@Temperature 1000 °C	@Temperature 1830 °F	
Maximum Service Temperature, Air	1425 °C	2597 °F	
Shrinkage	-0.400 - -0.200 %	-0.400 - -0.200 %	
	@Temperature 1400 °C, Time 86400 sec	@Temperature 2550 °F, Time 24.0 hour	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	41 %	41 %	
Fe ₂ O ₃	1.7 %	1.7 %	
SiO ₂	53 %	53 %	

Descriptive Properties	Value	Comments
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Segercone Descriptive Properties	33 Value	Comments
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