

Chosun Refractories SF32 Hard Fireclay brick

Category : Ceramic

Material Notes:

Information provided by Chosun Refractories via Korea Institute of Ceramic Engineering and Technology (KICET).

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chosun-Refractories-SF32-Hard-Fireclay-brick.php

Physical Properties	Metric	English	Comments
Bulk Density	2.20 g/cc	0.0795 lb/in³	
Porosity	15 %	15 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	49.0 MPa	7110 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	6.00 µm/m-°C	3.33 µin/in-°F	
	@Temperature 1000 °C	@Temperature 1830 °F	
Shrinkage	-0.200 - 0.20 %	-0.200 - 0.20 %	
	@Temperature 1350 °C, Time 7200 sec	@Temperature 2460 °F, Time 2.00 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	34 %	34 %	
Fe2O3	1.3 %	1.3 %	

Descriptive Properties	Value	Comments
Quality	Anti-abrasion, Anti-spalling, Anti-corrosion	
Refractories Under Load(2kg/?,T2?)	1,400	
Refractoriness (SK)	32	

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