

Chosun Refractories FRS 80 Flame-Gunning Repair Refractory

Category : Ceramic , Oxide , Silicon Oxide

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-FRS-80-Flame-Gunning-Repair-Refractory.php

Physical Properties	Metric	English	Comments
Bulk Density	1.47 g/cc	0.0531 lb/in ³	
Apparent Bulk Density	2.02 g/cc	0.0730 lb/in ³	
Porosity	27.05 %	27.05 %	
Grain Size	<= 700 µm	<= 700 µm	

Mechanical Properties	Metric	English	Comments
Compressive Strength	39.2 MPa	5690 psi	Cold Crushing Strength

Component Elements Properties	Metric	English	Comments
Al2O3	5.44 %	5.44 %	
CaO	2.48 %	2.48 %	
Fe2O3	0.52 %	0.52 %	
Silicon, Si	9.15 %	9.15 %	
SiO2	80.81 %	80.81 %	

Descriptive Properties	Value	Comments
High adhesiveness	90	
Main Applications	Coke Oven & Glass Melting Tanks	
Refractoriness(?)	1,640	

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