

Chosun Refractories CRS-50 Blast Furnace Tap-Hole Refractory

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-CRS-50-Blast-Furnace-Tap-Hole-Refractory.php

Physical Properties	Metric	English	Comments
Bulk Density	1.91 g/cc	0.0690 lb/in ³	
Porosity	27 %	27 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	26.5 MPa @Temperature 1350 °C, Time 10800 sec	3840 psi @Temperature 2460 °F, Time 3.00 hour	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
Shrinkage	-0.710 % @Temperature 1350 °C, Time 10800 sec	-0.710 % @Temperature 2460 °F, Time 3.00 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	5.0 %	5.0 %	
SiO2	6.0 %	6.0 %	

Descriptive Properties	Value	Comments
Chemical Analysis(%),Si3N4	2.8	
Chemical Analysis(%),SiC+C	60	
Main Applications	Corex	

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