

Chosun Refractories SBM-1 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-SBM-1-Blast-Furnace-Tap-Hole-Refractory.php

Physical Properties	Metric	English	Comments
Bulk Density	1.87 g/cc	0.0676 lb/in ³	
Porosity	30 %	30 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	14.7 MPa @Temperature 1350 °C, Time 10800 sec	2130 psi @Temperature 2460 °F, Time 3.00 hour	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
Shrinkage	0.10 % @Temperature 1350 °C, Time 10800 sec	0.10 % @Temperature 2460 °F, Time 3.00 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	11 %	11 %	
SiO2	36 %	36 %	

Descriptive Properties	Value	Comments
Chemical Analysis(%),Si3N4	7	
Chemical Analysis(%),SiC+C	46	
Main Applications	Large Blast Furnace	

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