

Chosun Refractories MRC-5 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-MRC-5-Blast-Furnace-Tap-Hole-Refractory.php

Physical Properties	Metric	English	Comments
Bulk Density	2.23 g/cc	0.0806 lb/in ³	
Porosity	28 %	28 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	14.5 MPa @Temperature 1350 °C, Time 10800 sec	2110 psi @Temperature 2460 °F, Time 3.00 hour	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
Shrinkage	-0.800 % @Temperature 1350 °C, Time 10800 sec	-0.800 % @Temperature 2460 °F, Time 3.00 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	40 %	40 %	
SiO2	21 %	21 %	

Descriptive Properties	Value	Comments
Chemical Analysis(%),Si3N4	10	
Chemical Analysis(%),SiC+C	31	
Main Applications	Large Blast Furnace	

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