

Chosun Refractories CO-210 Blast Furnace Runner 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-CO-210-Blast-Furnace-Runner-Refractory.php

Physical Properties	Metric	English	Comments
Bulk Density	1.67 g/cc	0.0603 lb/in ³	
	@Temperature 1500 °C, Time 10800 sec	@Temperature 2730 °F, Time 3.00 hour	
	2.06 g/cc	0.0744 lb/in ³	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Compressive Strength	5.20 MPa	754 psi	
	@Temperature 1500 °C, Time 10800 sec	@Temperature 2730 °F, Time 3.00 hour	Cold Crushing Strength
	10.5 MPa	1520 psi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
Shrinkage	-5.50 %	-5.50 %	
	@Temperature 1500 °C, Time 7200 sec	@Temperature 2730 °F, Time 2.00 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	25 %	25 %	
SiO2	47 %	47 %	

Descriptive Properties	Value	Comments
Chemical Analysis(%),SiC+C	18	
Installation Method	Ramming	
Main Applications	Slag runner	

Material Required for Estimating (kg/?)	2 100	
Descriptive Properties	Value	Comments

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