

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

Physical Properties	Metric	English	Comments
Bulk Density	1.72 g/cc	0.0621 lb/in ³	
	@Temperature 1500 °C, Time 10800 sec	@Temperature 2730 °F, Time 3.00 hour	
	2.10 g/cc	0.0759 lb/in ³	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Compressive Strength	5.49 MPa	797 psi	
	@Temperature 1500 °C, Time 10800 sec	@Temperature 2730 °F, Time 3.00 hour	Cold Crushing Strength
	15.2 MPa	2200 psi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
Shrinkage	-4.60 %	-4.60 %	
	@Temperature 1500 °C, Time 7200 sec	@Temperature 2730 °F, Time 2.00 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	24 %	24 %	
SiO2	46 %	46 %	

Descriptive Properties	Value	Comments
Chemical Analysis(%),SiC+C	21	
Installation Method	Ramming	
Main Applications	Iron runner	

Material Required for Estimating (kg/?) Descriptive Properties	2.100 Value	Comments
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