

Chosun Refractories C-1 Insulating Firebrick

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-C-1-Insulating-Firebrick.php

Physical Properties	Metric	English	Comments
Bulk Density	$\geq 1.10 \text{ g/cc}$	$\geq 0.0397 \text{ lb/in}^3$	

Mechanical Properties	Metric	English	Comments
Compressive Strength	$\leq 4.90 \text{ MPa}$	$\leq 711 \text{ psi}$	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
Thermal Conductivity	$\geq 0.349 \text{ W/m-K}$ @Temperature 350 °C	$\geq 2.42 \text{ BTU-in/hr-ft}^2\text{-}^\circ\text{F}$ @Temperature 662 °F	

Descriptive Properties	Value	Comments
Temp.(?) Reheating Shrinkage less than 2.0%	1,300	

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