

Chosun Refractories LW-28 Special 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-LW-28-Special-Insulating-Firebrick.php

Physical Properties	Metric	English	Comments
Bulk Density	$\geq 0.800 \text{ g/cc}$	$\geq 0.0289 \text{ lb/in}^3$	

Mechanical Properties	Metric	English	Comments
Compressive Strength	$\leq 0.981 \text{ MPa}$	$\leq 142 \text{ psi}$	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
Thermal Conductivity	$\geq 0.2675 \text{ W/m-K}$ @Temperature 350 °C	$\geq 1.854 \text{ BTU-in/hr-ft}^2\text{-}^\circ\text{F}$ @Temperature 662 °F	

Component Elements Properties	Metric	English	Comments
Fe ₂ O ₃	$\geq 1.0 \%$	$\geq 1.0 \%$	

Descriptive Properties	Value	Comments
Main Applications	Various Furnace inside lining	
Temp.(?) Reheating Shrinkage less than 0.5%	1,500	

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