

Chosun Refractories CTL-VBC Monolithic Refractories for Ladle and Tundish

Category : Ceramic , Oxide , Aluminum Oxide

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-CTL-VBC-Monolithic-Refractories-for-Ladle-and-Tundish.php

Mechanical Properties	Metric	English	Comments
Compressive Strength	29.4 MPa	4270 psi	Cold Crushing Strength
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	93.2 MPa	13500 psi	Cold Crushing Strength
	@Temperature 1500 °C, Time 10800 sec	@Temperature 2730 °F, Time 3.00 hour	

Thermal Properties	Metric	English	Comments
Shrinkage	-0.0600 %	-0.0600 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	1.35 %	1.35 %	
	@Temperature 1500 °C, Time 10800 sec	@Temperature 2730 °F, Time 3.00 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	87 %	87 %	
MgO	8.0 %	8.0 %	

Descriptive Properties	Value	Comments
Installation Method	Casting, Vibrating	
Main Applications	Bottom	
Material Required for Estimating (kg/?)	3,050	
Water Required for Casting(%)	6.2	

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