

Chosun Refractories TG-55 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-TG-55-Monolithic-Refractories-for-Ladle-and-Tundish.php

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.005886 GPa	0.8537 ksi	
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
Compressive Strength	9.81 - 19.6 MPa	1420 - 2840 psi	Cold Crushing Strength
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	

Thermal Properties	Metric	English	Comments
Shrinkage	-0.400 %	-0.400 %	
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
	-0.0800 %	-0.0800 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	58 %	58 %	
SiO2	38 %	38 %	

Descriptive Properties	Value	Comments
Installation Method	Gunning, Troweling	
Main Applications	Tundish Coating	
Material Required for Estimating (kg/?)	1,950	
Water Required for Casting(%)	NOZZLE Mixing	

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