

Chosun Refractories IJM-1 Special Castable

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-IJM-1-Special-Castable.php

Mechanical Properties	Metric	English	Comments
Compressive Strength	34.3 MPa	4980 psi	Cold Crushing Strength
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	39.2 MPa	5690 psi	Cold Crushing Strength
	@Temperature 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	

Thermal Properties	Metric	English	Comments
Shrinkage	-0.500 %	-0.500 %	
	@Temperature 1500 °C, Time 10800 sec	@Temperature 2730 °F, Time 3.00 hour	
	-0.0500 %	-0.0500 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	80 %	80 %	
SiO2	10 %	10 %	

Descriptive Properties	Value	Comments
Installation Method	Injection	

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