

Chosun Refractories MMCT-85 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-MMCT-85-Special-Castable.php

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.0073575 GPa	1.0671 ksi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	0.00981 GPa	1.42 ksi	
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
	0.014715 GPa	2.1343 ksi	
	@Temperature 1500 °C, Time 10800 sec	@Temperature 2730 °F, Time 3.00 hour	
Compressive Strength	39.2 MPa	5690 psi	Cold Crushing Strength
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	68.6 MPa	9960 psi	Cold Crushing Strength
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
	78.5 MPa	11400 psi	Cold Crushing Strength
	@Temperature 1500 °C, Time 10800 sec	@Temperature 2730 °F, Time 3.00 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1700 °C	3090 °F	limited
Shrinkage	-0.100 %	-0.100 %	
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
	-0.0300 %	-0.0300 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	0.40 %	0.40 %	
	@Temperature 1500 °C,	@Temperature 2730 °F,	

Thermal Properties	Time 10800 sec Metric	Time 3.00 hour English	Comments
Component Elements Properties	Metric	English	Comments
Al2O3	85 %	85 %	
SiO2	3.0 %	3.0 %	

Descriptive Properties	Value	Comments
Installation Method	Casting, Vibrating	
Material Required for Estimating(kg/?)	2,800	
Water Required for Casting(%)	7.5	

Contact Songhan Plastic Technology Co.,Ltd.

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