

Chosun Refractories DC-2BS Light-Weight Castable

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-DC-2BS-Light-Weight-Castable.php

Mechanical Properties	Metric	English	Comments
Compressive Strength	1.96 - 2.94 MPa	284 - 427 psi	Cold Crushing Strength
	@Temperature 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	
	2.94 - 4.90 MPa	427 - 711 psi	Cold Crushing Strength
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.349 W/m-K	2.42 BTU-in/hr-ft²-°F	
	@Temperature 260 °C	@Temperature 500 °F	
	0.3722 W/m-K	2.579 BTU-in/hr-ft²-°F	
	@Temperature 540 °C	@Temperature 1000 °F	
	0.3955 W/m-K	2.740 BTU-in/hr-ft²-°F	
	@Temperature 800 °C	@Temperature 1470 °F	
Maximum Service Temperature, Air	1200 °C	2190 °F	limited
Shrinkage	-1.50 %	-1.50 %	
	@Temperature 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	
	-0.0900 %	-0.0900 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	35 %	35 %	
SiO2	40 %	40 %	

Descriptive Properties	Value	Comments
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Installation Method Descriptive Properties	Spray Value	Comments
Main Applications	Corex	
Material Required for Estimating (kg/?)	1,200	
Water Required for Casting(%)	30-40	

Contact Songhan Plastic Technology Co.,Ltd.

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