

Chosun Refractories BCT-130 Acid-proof 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-BCT-130-Acid-proof-Castable.php

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.003924 GPa	0.5691 ksi	
	@Temperature 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	
	0.005886 GPa	0.8537 ksi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
Compressive Strength	19.6 MPa	2840 psi	Cold Crushing Strength
	@Temperature 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	
	29.4 MPa	4270 psi	Cold Crushing Strength
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1300 °C	2370 °F	limited
Shrinkage	-0.500 %	-0.500 %	
	@Temperature 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	
	-0.100 %	-0.100 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Descriptive Properties	Value	Comments
Chemical Analysis(%),Cr2O2	23	
Installation Method	Casting, Troweling	
Main Applications	Chemical Plant	
Material Required for Estimating (kg/?)	2,800	
Water Required for Casting(%)	11	

Descriptive Properties

Value

Comments

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