

Chosun Refractories SCX-50KL Special SiC Castable

Category : Ceramic , Carbide

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-SCX-50KL-Special-SiC-Castable.php

Mechanical Properties	Metric	English	Comments
Compressive Strength	73.5 MPa	10700 psi	Cold Crushing Strength
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	108 MPa	15600 psi	Cold Crushing Strength
	@Temperature 1400 °C, Time 10800 sec	@Temperature 2550 °F, Time 3.00 hour	

Thermal Properties	Metric	English	Comments
Shrinkage	-0.200 %	-0.200 %	
	@Temperature 1400 °C, Time 10800 sec	@Temperature 2550 °F, Time 3.00 hour	
	0.00 %	0.00 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	17 %	17 %	
SiC	50 %	50 %	

Descriptive Properties	Value	Comments
Installation Method	Casting, Vibrating	
Material Required for Estimating (kg/?)	2,400	
Water Required for Casting(%)	7.5	

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