

## Chosun Refractories SCX-30KL 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-30KL-Special-SiC-Castable.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-SCX-30KL-Special-SiC-Castable.php)

Mechanical Properties	Metric	English	Comments
Compressive Strength	68.6 MPa	9960 psi	Cold Crushing Strength
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	98.1 MPa	14200 psi	Cold Crushing Strength
	@Temperature 1400 °C, Time 10800 sec	@Temperature 2550 °F, Time 3.00 hour	

Thermal Properties	Metric	English	Comments
Shrinkage	-0.300 %	-0.300 %	
	@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	34 %	34 %	
SiC	32 %	32 %	

Descriptive Properties	Value	Comments
Installation Method	Casting, Vibrating	
Material Required for Estimating (kg/?)	2,300	
Water Required for Casting(%)	8.0	

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