

Chosun Refractories SFC-UL90S High-Alumina 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-SFC-UL90S-High-Alumina-Castable.php

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.00981 GPa	1.42 ksi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	0.024525 GPa	3.5571 ksi	
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
	0.027468 GPa	3.9840 ksi	
	@Temperature 1400 °C, Time 10800 sec	@Temperature 2550 °F, Time 3.00 hour	
Compressive Strength	63.7 MPa	9250 psi	Cold Crushing Strength
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	93.2 MPa	13500 psi	Cold Crushing Strength
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 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
Maximum Service Temperature, Air	1800 °C	3270 °F	limited
Shrinkage	-0.300 %	-0.300 %	
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
	-0.150 %	-0.150 %	
	@Temperature 1400 °C, Time 10800 sec	@Temperature 2550 °F, Time 3.00 hour	
	-0.0300 %	-0.0300 %	
	@Temperature 110 °C,	@Temperature 230 °F,	

Thermal Properties	Time 86400 sec Metric	Time 24.0 hour English	Comments
Component Elements Properties	Metric	English	Comments
Al2O3	87 %	87 %	
SiC	5.0 %	5.0 %	
SiO2	6.0 %	6.0 %	

Descriptive Properties	Value	Comments
Installation Method	Self Flowing	
Material Required for Estimating(kg/?)	3,200	
Water Required for Casting(%)	4.2-4.7	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China