

Chosun Refractories HSC-15 Dense and High-Strength Castable, Credens

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-HSC-15-Dense-and-High-Strength-Castable-Credens.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	
	0.00981 GPa	1.42 ksi	
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
Compressive Strength	44.1 MPa	6400 psi	Cold Crushing Strength
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	44.1 MPa	6400 psi	Cold Crushing Strength
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1500 °C	2730 °F	limited
Shrinkage	-0.0500 %	-0.0500 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	-0.0500 %	-0.0500 %	
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	50 %	50 %	
CaO	2.0 %	2.0 %	
SiO2	45 %	45 %	

Processing Properties	Metric	English	Comments

Cure Time Processing Properties	120 - 600 min Metric	2.00 - 10.0 hour English	Setting Time Comments
Descriptive Properties			
Installation Method	Vibrating, Casting		
Material Required for Estimating(kg/?)	2,400		
Water Required for Casting(%)	8		

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