

Chosun Refractories HSC-16S-W2 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-16S-W2-Dense-and-High-Strength-Castable-Credens.php

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.017658 GPa	2.5611 ksi	
	@Temperature 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	
	0.01962 GPa	2.846 ksi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
Compressive Strength	10.8 MPa	1560 psi	Cold Crushing Strength
	@Temperature 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	
	90.2 MPa	13100 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	1600 °C	2910 °F	limited
Shrinkage	-0.0300 %	-0.0300 %	
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
	-0.0200 %	-0.0200 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	65 %	65 %	
CaO	1.2 %	1.2 %	
SiO2	30 %	30 %	

Processing Properties	Metric	English	Comments

Cure Time Processing Properties	120 - 600 min Metric	2.00 - 10.0 hour English	Setting Time Comments
Descriptive Properties		Value	Comments
Installation Method		Vibrating, Casting	
Material Required for Estimating(kg/?)		2,640	
Water Required for Casting(%)		5.2-5.6	

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