

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

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.017658 GPa	2.5611 ksi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	0.01962 GPa	2.846 ksi	
	@Temperature 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	
Compressive Strength	88.3 MPa	12800 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 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1600 °C	2910 °F	limited
Shrinkage	-0.150 %	-0.150 %	
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °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	57 %	57 %	
CaO	1.8 %	1.8 %	
SiO2	38 %	38 %	

Processing Properties	Metric	English	Comments

Cure Time Processing Properties	120 - 600 min Metric	2.00 - 10.0 hour English	Setting Time Comments
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Descriptive Properties	Value	Comments
Installation Method	Vibrating,Casting	
Material Required for Estimating(kg/?)	2,560	
Water Required for Casting(%)	5.3-5.7	

Contact Songhan Plastic Technology Co.,Ltd.

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