

## Chosun Refractories HSC-15G 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-15G-Dense-and-High-Strength-Castable-Credens.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-HSC-15G-Dense-and-High-Strength-Castable-Credens.php)

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.004905 GPa	0.7114 ksi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	0.005886 GPa	0.8537 ksi	
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
Compressive Strength	34.3 MPa	4980 psi	Cold Crushing Strength
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
	39.2 MPa	5690 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	1500 °C	2730 °F	limited
Shrinkage	-0.200 %	-0.200 %	
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
	-0.100 %	-0.100 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 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		Value	Comments
Installation Method		Spray	
Material Required for Estimating(kg/?)		2,200	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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