

## Chosun Refractories MIX-2 Light-Weight Gunning Castable

Category : Ceramic

### 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-MIX-2-Light-Weight-Gunning-Castable.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-MIX-2-Light-Weight-Gunning-Castable.php)

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	1.44e-7 - 0.000687 GPa	0.0000209 - 0.0996 ksi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	0.0004905 - 0.000981 GPa	0.07114 - 0.142 ksi	
	@Temperature 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	
Compressive Strength	1.47 - 2.45 MPa	213 - 356 psi	Cold Crushing Strength
	@Temperature 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	
	2.45 - 3.43 MPa	356 - 498 psi	Cold Crushing Strength
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.174 - 0.233 W/m-K	1.21 - 1.61 BTU-in/hr- ft <sup>2</sup> -°F	
	@Temperature 540 °C	@Temperature 1000 °F	
	0.233 - 0.291 W/m-K	1.61 - 2.01 BTU-in/hr- ft <sup>2</sup> -°F	
	@Temperature 800 °C	@Temperature 1470 °F	
Maximum Service Temperature, Air	1000 °C	1830 °F	limited
Shrinkage	-1.30 - -1.00 %	-1.30 - -1.00 %	
	@Temperature 1000 °C, Time 10800 sec	@Temperature 1830 °F, Time 3.00 hour	
	-0.200 - -0.100 %	-0.200 - -0.100 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	

Descriptive Properties	Value	Comments
Installation Method	Gunning, Casting(UOP)	
Main Applications	Petrochemical plant Heater, Boiler	
Material Required for Estimating (kg/?)	700-800	
Water Required for Casting(%)	55	

## 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