

## Chosun Refractories BLC Lance Castable

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-BLC-Lance-Castable.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-BLC-Lance-Castable.php)

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.011772 GPa	1.7074 ksi	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	0.014715 GPa	2.1343 ksi	
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
	0.016677 GPa	2.4188 ksi	
	@Temperature 1500 °C, Time 10800 sec	@Temperature 2730 °F, Time 3.00 hour	
Compressive Strength	83.4 MPa	12100 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 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
	98.1 MPa	14200 psi	Cold Crushing Strength
	@Temperature 1500 °C, Time 10800 sec	@Temperature 2730 °F, Time 3.00 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1750 °C	3180 °F	limited
Shrinkage	-0.190 %	-0.190 %	
	@Temperature 1350 °C, Time 10800 sec	@Temperature 2460 °F, Time 3.00 hour	
	-0.0300 %	-0.0300 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	1.0 %	1.0 %	
	@Temperature 1500 °C,	@Temperature 2730 °F,	

Thermal Properties	Time 10800 sec Metric	Time 3.00 hour English	Comments
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Component Elements Properties	Metric	English	Comments
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Al2O3	87 %	87 %	
SiO2	7.0 %	7.0 %	

Descriptive Properties	Value	Comments
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Installation Method	Casting, Vibrating	
Material Required for Estimating(kg/?)	2,800	
Water Required for Casting(%)	6.2	

## Contact Songhan Plastic Technology Co.,Ltd.

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