

## Chosun Refractories CTL-Z1 Monolithic Refractories for Ladle and Tundish

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-CTL-Z1-Monolithic-Refractories-for-Ladle-and-Tundish.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-CTL-Z1-Monolithic-Refractories-for-Ladle-and-Tundish.php)

Mechanical Properties	Metric	English	Comments
Compressive Strength	19.6 MPa	2840 psi	Cold Crushing Strength
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	34.3 MPa	4980 psi	Cold Crushing Strength
	@Temperature 1500 °C, Time 10800 sec	@Temperature 2730 °F, Time 3.00 hour	

Thermal Properties	Metric	English	Comments
Shrinkage	0.00 %	0.00 %	
	@Temperature 110 °C, Time 86400 sec	@Temperature 230 °F, Time 24.0 hour	
	3.25 %	3.25 %	
	@Temperature 1500 °C, Time 10800 sec	@Temperature 2730 °F, Time 3.00 hour	

Component Elements Properties	Metric	English	Comments
ZrO2	47 %	47 %	

Descriptive Properties	Value	Comments
Installation Method	Casting	
Main Applications	Wall	
Material Required for Estimating (kg/?)	3,250	
Water Required for Casting(%)	6.0	

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