

## Chosun Refractories CTL-Z2 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-Z2-Monolithic-Refractories-for-Ladle-and-Tundish.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-CTL-Z2-Monolithic-Refractories-for-Ladle-and-Tundish.php)

| Mechanical Properties | Metric                                  | English                                 | Comments               |
|-----------------------|-----------------------------------------|-----------------------------------------|------------------------|
| Compressive Strength  | 16.7 MPa                                | 2420 psi                                | Cold Crushing Strength |
|                       | @Temperature 110 °C,<br>Time 86400 sec  | @Temperature 230 °F,<br>Time 24.0 hour  |                        |
|                       | 33.3 MPa                                | 4840 psi                                | Cold Crushing Strength |
|                       | @Temperature 1500 °C,<br>Time 10800 sec | @Temperature 2730 °F,<br>Time 3.00 hour |                        |

| Thermal Properties | Metric                                  | English                                 | Comments |
|--------------------|-----------------------------------------|-----------------------------------------|----------|
| Shrinkage          | -0.0600 %                               | -0.0600 %                               |          |
|                    | @Temperature 110 °C,<br>Time 86400 sec  | @Temperature 230 °F,<br>Time 24.0 hour  |          |
|                    | 3.5 %                                   | 3.5 %                                   |          |
|                    | @Temperature 1500 °C,<br>Time 10800 sec | @Temperature 2730 °F,<br>Time 3.00 hour |          |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|--------|---------|----------|
| ZrO2                          | 42 %   | 42 %    |          |

| Descriptive Properties                  | Value   | Comments |
|-----------------------------------------|---------|----------|
| Installation Method                     | Casting |          |
| Main Applications                       | Wall    |          |
| Material Required for Estimating (kg/?) | 3,150   |          |
| Water Required for Casting(%)           | 6.3     |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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