

## Chosun Refractories CSN-309NM,Insert Plate Brick

Category : Ceramic , Oxide , Magnesium 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-CSN-309NMInsert-Plate-Brick.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-CSN-309NMInsert-Plate-Brick.php)

Physical Properties	Metric	English	Comments
Bulk Density	2.80 - 2.90 g/cc	0.101 - 0.105 lb/in <sup>3</sup>	
Porosity	6.0 - 9.0 %	6.0 - 9.0 %	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	<= 0.00981 GPa @Temperature 1400 °C	<= 1.42 ksi @Temperature 2550 °F	
Compressive Strength	<= 78.5 MPa	<= 11400 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	15.0 - 17.0 µm/m-°C @Temperature 1000 °C	8.33 - 9.44 µin/in-°F @Temperature 1830 °F	

Component Elements Properties	Metric	English	Comments
Carbon, C	5.0 - 7.0 %	5.0 - 7.0 %	
MgO	80 - 85 %	80 - 85 %	

Descriptive Properties	Value	Comments
Remarks	Excellent resistance for Ca, Mn chemical attack, For Ca addition,high[Mn]and 0 steel	

## Contact Songhan Plastic Technology Co.,Ltd.

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