

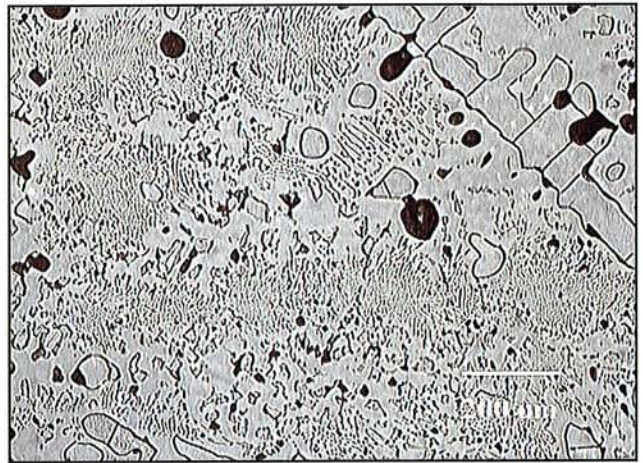
## Monofrax<sup>®</sup> L Fused Cast Refractory

### Product Description

A magnesia rich fused cast refractory manufactured by a process which provides a dense, low porosity product. The fusion casting process eliminates the bonding phases found in conventional refractory products and results in a structure which provides maximum resistance to attack by molten glass slag and metal.

### General Information

Monofrax<sup>®</sup> L refractory has a structure consisting of dense, crystalline spinel ( $MgO - Al_2O_3$ ) with a secondary phase of precipitated periclase ( $MgO$ ).



### Typical Chemistry

MgO .....	44.9%
Al <sub>2</sub> O <sub>3</sub> .....	53.6%
SiO <sub>2</sub> .....	0.44%
Na <sub>2</sub> O .....	0.23%
CaO .....	0.35%

### Typical Physical Properties:

Bulk Density: .....	192 lb./ft <sup>3</sup> , 3.08 gm/cc
Thermal Expansion: .....	8.8 x 10 <sup>-6</sup>

### Typical Applications

- Electrolytic Cell Linings
- Cement Kiln Hot Zones
- Light Metal Refining
- Steel Plant Refractories
- Copper Converter Linings
- Glass Furnace



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