

# VIBRA-MAG™ 95

## DRY VIBRATABLE

### TS LFF30146 MX3 DRVB



Revision: C.00

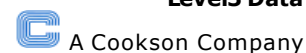
Date: 12 Jan 2009

VIBRA-MAG™ 95 is a high purity magnesia, heat setting, dry vibratable refractory designed to be installed by mechanical vibration or ramming. It forms a dense, stable structure which makes it resistant to attack from ferrous metals and alloys. VIBRA-MAG™ 95 is installed as a dry material which allows for a rapid sintering cycle. Typical applications include working linings of coreless induction furnaces melting steel under severe conditions and back-up linings for magnesia crucibles.

| Chemical Analysis                  |                                | Unit of Measurement | Typical Range Min - Max | Typical Value |
|------------------------------------|--------------------------------|---------------------|-------------------------|---------------|
| Silica                             | SiO <sub>2</sub>               | %                   | -                       | 1.8           |
| Alumina                            | Al <sub>2</sub> O <sub>3</sub> | %                   | -                       | 0.3           |
| Iron Oxide                         | Fe <sub>2</sub> O <sub>3</sub> | %                   | -                       | 0.9           |
| Calcia                             | CaO                            | %                   | -                       | 1.4           |
| Magnesia                           | MgO                            | %                   | -                       | 95.3          |
| <b>Physical Properties</b>         |                                |                     |                         |               |
| Particle Size -100 Mesh (-0.15 mm) |                                | %                   | -                       | 33            |
| Maximum Grain Size                 |                                | millimeters         | -                       | 3.35          |
| Maximum Grain Size                 |                                | US Sieve            | -                       | 6             |

The physical and/or chemical properties and specifications of the product set forth above represent typical average results obtained in accordance with generally accepted standard test methods conducted under controlled conditions, and are subject to normal manufacturing variations. Vesuvius reserves the right to modify the properties and specifications at any time without prior notice.

**MSDS Reference : LFF30146**  
**QA9-168-0**  
**Level3 Data**



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