

## MUB

### White Fused Mullite

MUB is a fused mullite obtained from fusion of high purity sand and alumina in an electric arc furnace. It presents low thermal expansion and high thermal shock resistance that make MUB an excellent material for investment casting and other refractory applications.

#### General Characteristics

| True Specific Gravity  | Melting Point | Crystalline Structure | Color |
|------------------------|---------------|-----------------------|-------|
| 3,08 g/cm <sup>3</sup> | 1.850 °C      | Orthorhombic system   | White |

#### Chemical Analysis by XRF (%)

| Al <sub>2</sub> O <sub>3</sub> | SiO <sub>2</sub> | Fe <sub>2</sub> O <sub>3</sub> | Na <sub>2</sub> O | CaO  |
|--------------------------------|------------------|--------------------------------|-------------------|------|
| 74.78                          | 24.29            | 0.17                           | 0.38              | 0.07 |

#### Grit Size

| Size (astm) | Size (mm) |
|-------------|-----------|
| TPF II      | - 212 µm  |
| 200 MF      | - 75 µm   |
| 325 MF      | - 45 µm   |

\* Other grit sizes upon request.