

# Technical Data Sheet

## KGM Stoneware



Throwing



Modelling



Hand Building



Casting



**Firing Range: 1080-1250°C**



**Colour: Off White**



**Texture: Smooth**



**Bag Size: 12.5kg**

Fired at

1300°C

1280°C

1260°C

1240°C

1220°C

1200°C

1180°C

1160°C

1140°C



| Chemical Analysis %            |            |
|--------------------------------|------------|
| Chemical                       | Percentage |
| SiO <sub>2</sub>               | 65.49      |
| TiO <sub>2</sub>               | 0.89       |
| Al <sub>2</sub> O <sub>3</sub> | 19.78      |
| Fe <sub>2</sub> O <sub>3</sub> | 0.79       |
| P <sub>2</sub> O <sub>5</sub>  | 0.06       |
| CaO                            | 2.47       |
| MgO                            | 0.33       |
| K <sub>2</sub> O               | 1.67       |
| Na <sub>2</sub> O              | 0.25       |

| % Total Contraction |       |
|---------------------|-------|
| 1100°C              | X     |
| 1200°C              | 12.5% |

| Thermal Expansion |       |
|-------------------|-------|
| 500°C             | 0.265 |
| 600°C             | 0.341 |

This technical information is only a guide, established from the characterisation and analysis of representative samples, and from routine production averages.

Product characteristics are subject to modifications.

