

# Technical Data Sheet

## ES 300 (Grogged Body) Paper Clay



Modelling



Hand Building



Pouring



Firing Range: 900-1280°C



Colour: Pale Buff



Texture: Medium Textured



Bag Size: 5kg

Fired at

1300°C

1280°C

1260°C

1240°C

1220°C

1200°C

1180°C

1160°C

1140°C



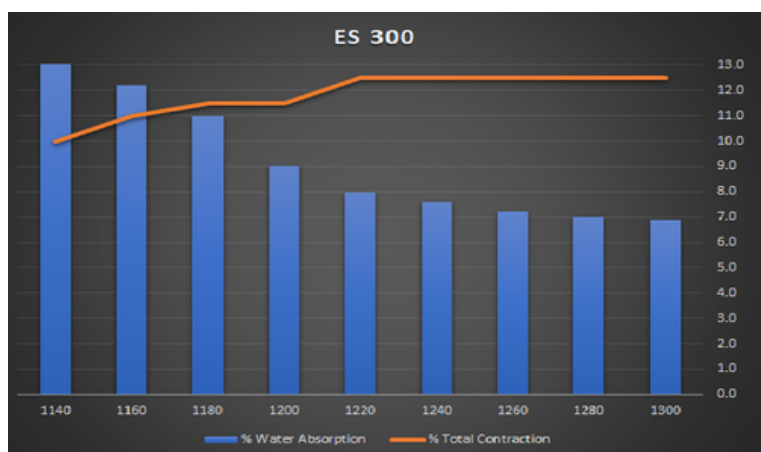
| Chemical Analysis %            |            |
|--------------------------------|------------|
| Chemical                       | Percentage |
| SiO <sub>2</sub>               | 57.29      |
| TiO <sub>2</sub>               | 1.07       |
| Al <sub>2</sub> O <sub>3</sub> | 23.49      |
| Fe <sub>2</sub> O <sub>3</sub> | 1.33       |
| P <sub>2</sub> O <sub>5</sub>  | 0.06       |
| CaO                            | 0.18       |
| MgO                            | 1.20       |
| K <sub>2</sub> O               | 2.06       |
| Na <sub>2</sub> O              | 0.36       |

| % Total Contraction |       |
|---------------------|-------|
| 1100°C              | x     |
| 1200°C              | 11.5% |

| Thermal Expansion |       |
|-------------------|-------|
| 500°C             | 0.213 |
| 600°C             | 0.285 |

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.



# Valentine Clays

MANUFACTURED IN THE HEART OF THE POTTERIES