

Technical Data Sheet

Casting Slip Special Porcelain



Casting



Firing Range: 1220-1280°C



Colour: White



Texture: Very Smooth



Tub Size: 5 Litres

Fired at

1300°C

1280°C

1260°C

1240°C

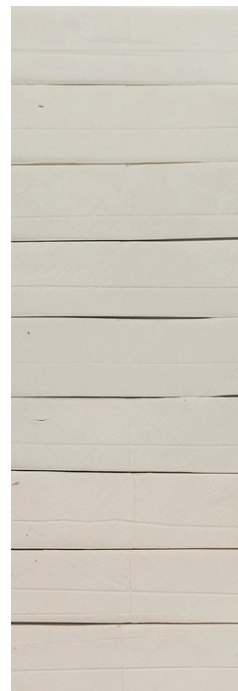
1220°C

1200°C

1180°C

1160°C

1140°C



| Chemical Analysis % | |
|--------------------------------|------------|
| Chemical | Percentage |
| SiO ₂ | 66.08 |
| TiO ₂ | 0.03 |
| Al ₂ O ₃ | 22.47 |
| Fe ₂ O ₃ | 0.40 |
| P ₂ O ₅ | 0.10 |
| CaO | 0.37 |
| MgO | 0.27 |
| K ₂ O | 3.36 |
| Na ₂ O | 1.17 |

| % Total Contraction | |
|---------------------|-------|
| 1100°C | x |
| 1200°C | 16.5% |

| Thermal Expansion | |
|-------------------|-------|
| 500°C | 0.326 |
| 600°C | 0.447 |

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.

There can be variation in the shrinkage rate due to the density of the casting slip.

Testing is advised.

