

GE222

Extra-white stoneware - SMOOTH

TECHNICAL DATA SHEET

Estimated characteristics, for guidance only.

The values below are estimates based on the formulation and raw-material data sheets. They have not been measured on the finished GE222 body. The ranges are working estimates, not guaranteed tolerances.

Smooth stoneware body with no added grog, prepared in Saon, Normandy. Formulated from clays and BSP kaolin from Beauvoir. **Packaging: 10 kg block.** GE222 Extra White complements GE221 within Series 221.

Indicative technical data

Characteristic	Estimated central value	Working range
Wet-to-dry shrinkage	≈ 8 %	7 to 9 %
Dry-to-fired shrinkage at 1,000 °C	≈ 1 %	0 to 2 %
Dry-to-fired shrinkage at 1,280 °C	≈ 6.5 %	5 to 8 %
Loss on ignition at 1,000 °C	≈ 7.2 %	6.5 to 8 %
Loss on ignition at 1,280 °C	≈ 7.3 %	6.5 to 8 %
Water absorption at 1,000 °C	≈ 16 %	13 to 19 %
Water absorption at 1,280 °C	≈ 2 %	0.3 to 5 %
Average thermal expansion, 20-500 °C	≈ 55 × 10 ⁻⁷ K ⁻¹	45 to 70 × 10 ⁻⁷ K ⁻¹

Workshop trials

The 1,000 and 1,280 °C figures are reference temperatures used for the estimates; they do not by themselves define a validated firing range. Adjust the firing cycle to the piece and glaze after trials. The shrinkage values above describe separate stages and must not simply be added together.

Water absorption and thermal expansion are particularly uncertain. Test the body's behaviour, glaze fit and suitability of the finished piece for its intended use. No measured whiteness value is assigned to GE222 in this sheet.

Estimation basis: GE222 formulation and raw-material data sheets for 111 M, 1617 and BSP (Imerys, January 2013). Estimates prepared on 9 October 2026 and retained in this edition dated 31 October 2026. Future measured results will be identified separately from estimates.