

GE400

SWORD

1000-1280 °C

An extra-fine grogged stoneware body for throwing and slab work, returned to the range in 2026.

AVAILABLE VARIANTS

REFERENCE	TEXTURE	GROG SIZE	PACK	FIRING RANGE
GE400 IMP	20% extra-fine grog	0-0.2 mm	10 kg	1000-1280 °C

Colour & body

WET COLOUR

violet

FIRE COLOUR

grey, with firing-dependent tones

SUPPLY FORM

ready-to-use moist block

TECHNICAL DATA

GE400 - Sword

CHEMICAL ANALYSIS OF THE RAW BODY - WT. %

LOI	SiO2	Al2O3	Fe2O3	TiO2	CaO	MgO	Na2O	K2O
7	69	24	3	1.2	0.1	0.3	0.1	2.3

FIRED PROPERTIES

TEMPERATURE / VARIANT	FIRING SHRINKAGE	WATER ABSORPTION
1000 °C	1.3 %	10.0 %
1260 °C	5.0 %	1.7 %

OTHER DATA

Drying shrinkage	7 % (FT) / 8 % (fiche application)
Loss on ignition	Not available
Thermal expansion (20-400 / 500 / 600 °C)	55 to 61 ×10 ⁻⁶ depending on source document
Supply condition / moisture	20 %

PROCESSING GUIDANCE

- Wedge and homogenise the body before forming.
- Dry slowly and evenly, away from draughts.
- Adjust the firing schedule to thickness, load and kiln.
- Test the clay-slip-glaze combination before production.

SAFETY & STORAGE

- Protect from frost and drying during storage.
- Avoid dry operations that generate dust.
- For sanding: suitable extraction and FFP2/FFP3 protection.
- Associated SDS: RF-SDS-GE400-2026-R1.pdf.

DOCUMENT TDS-RB-GE400-2026-EN-R0

Sources: original Raoult & Fils technical data and product decisions dated 11 Aug 2026. Values are indicative and do not constitute a product specification. Revision: 11 Aug 2026.