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TECHNICAL DATA SHEET

CG-466 Transparent Leadless Glaze

CG-466 is a dry leadless glaze. The product completely transparent borosilicate glaze. The firing temperature 980-1020 °C. Glaze recommended for pottery, tiles and art ware use due to its gloss finished surface and transparency.

- Perfectly clear and glassy smooth.
- The glazes are compatible with most types of ceramic stains and pigments; giving excellent colour development.
- Add 10-15% of zirconium silicate to obtain opaque glaze
- Mixing with other glaze for decrease or increase the temperature of glaze.

General information

Retained on 325 mesh = 0.5 – 1.0 % max

Preparation CG-466 is a fine dry glaze can simply mix or stir with low speed mixing machine. The binder or CMC recommend use 0.1%-0.5% if keep the glaze long time for avoid sedimentation. The preparation by roller mill around 30 minutes is standard times.

Use CG-466 can be apply by dipping, brushing, pouring, and spraying. The raw glazed should be around 0.25-0.3 mm.

Firing A constant slow increase in temperature, enough oxygen and sufficient ventilation around 250°C. After, heating rate 120-150 °C/hour until the peak temperature and soaking 30 minutes.