

White Stoneware with Grog W2505

Characteristics

White stoneware with grog W 2505 is a stoneware body. It is suitable for plastic forming methods.

Chamotte proportion: 25 %, Chamotte grain - size: 0 - 0.5 mm

Firing Colour	cream
Recommended Firing Temperature Range	1000 - 1280 °C

Technical Data

Unfired

Moisture	17,4%	plastic
Chemical Analysis	SiO ₂ 75,7% TiO ₂ 1,50% Al ₂ O ₃ 19,0% Fe ₂ O ₃ 0,80% CaO 0,20% MgO 0,30% K ₂ O 2,30% Na ₂ O 0,20%	
Loss of Ignition	4,5%	
Wet to Dry Shrinkage	6,3%	plastic properties

Fired

Specimen Firing Temperature [°C]	1200
Coefficient of Thermal Expansion [x10 ⁻⁶ /°C]	
20 - 400 °C	6,9
20 - 500 °C	7,4
20 - 600 °C	8,9
Dry to Fired Shrinkage [%]	5,1
Water Absorption [%]	3,9

