

Characteristics

GT 5705 B is a stoneware body. It is suitable for plastic forming methods.

Chamotte proportion: 40 %, chamotte size range: 0 - 0.5 mm

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

Technical Data (typical values)

Unfired

Moisture 16,5% plastic

Chemical Analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O
	74,0%	1,50%	20,0%	0,90%	0,20%	0,40%	2,40%	0,25%

Loss of Ignition 3,8%

Wet to Dry Shrinkage 4,8% plastic properties

Fired

Specimen Firing Temperature [°C] 1200

Coefficient of Thermal Expansion [x10⁻⁶/°C]

20 - 400 °C	6,3
20 - 500 °C	6,7
20 - 600 °C	8,0

Dry to Fired Shrinkage [%] 3,5

Water Absorption [%] 5,5

