

Black Stoneware Nigra2002

Characteristics

Nigra 2002 is a stoneware body. It is suitable for plastic forming methods.

Available as plastic body.

Chamotte proportion: 20 %, chamotte size range: 0 - 0.2 mm (black chamotte)

Firing Colour	black
Recommended Firing Temperature Range	1000 - 1240 °C

Technical Data (typical values)

Unfired

Moisture					20,0%	plastic				
Chemical Analysis	SiO2	TiO2	Al2O3	Fe2O3	CaO	MgO	K2O	Na2O	Mn	
	65,5%	1,10%	21,5%	8,90%	0,30%	0,80%	1,80%	0,10%	0,4%	
Loss of Ignition					5,0%					
Wet to Dry Shrinkage					6,8%	plastic properties				

Fired

Specimen Firing Temperature [°C]	1200
Coefficient of Thermal Expansion [x10-6/°C]	20 - 400 °C 6,8 20 - 500 °C 7,2 20 - 600 °C 8,1
Dry to Fired Shrinkage [%]	7,0
Water Absorption [%]	2,5

