

Characteristics

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

Available as plastic body: PB Nigra 2002 BO

Chamotte proportion: 20 %, chamotte size range: 0 - 0,2 mm (black chamotte)

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

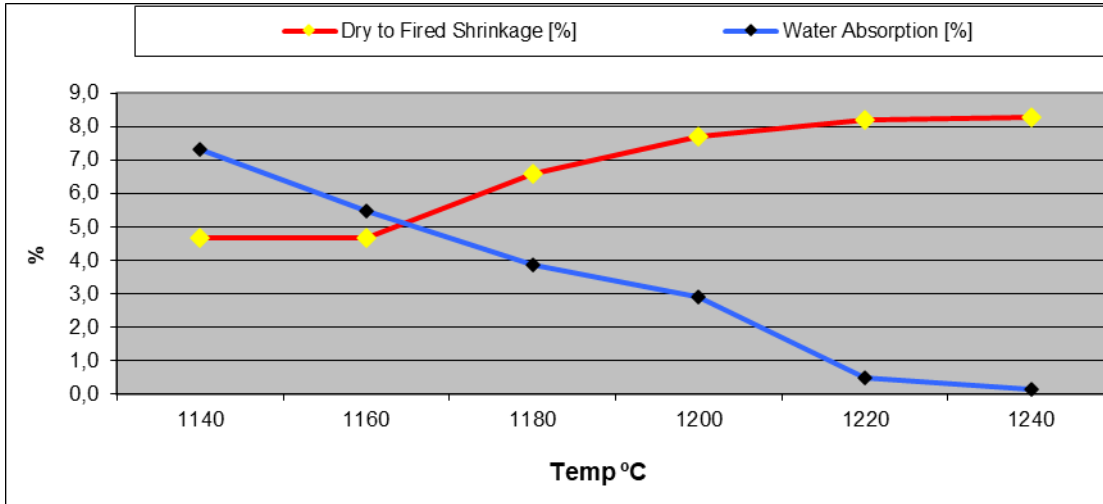
Technical Data (typical values)

Unfired

Moisture	20,0%	plastic	
Chemical Analysis	SiO ₂	TiO ₂	Al ₂ O ₃ Fe ₂ O ₃ CaO MgO K ₂ O Na ₂ O
	65,5%	1,10%	21,5% 8,90% 0,30% 0,80% 1,80% 0,10%
Loss of Ignition	5,0%		
Wet to Dry Shrinkage	5,5%	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 [%]	7,5
Water Absorption [%]	3,0



For Product Information & Customer Service

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