

Characteristics

WB 1795 is a stoneware body. Good characteristics in drying and firing resistance because of the special chamotte mixture; in particular for big items.

Available as plastic body: PB WB 1795 BO

Chamotte proportion: 40 %, chamotte size range: 0 - 2.0 mm

Firing Colour	white - cream - grey		
Recommended Firing Temperature Range	1000	-	1300 °C

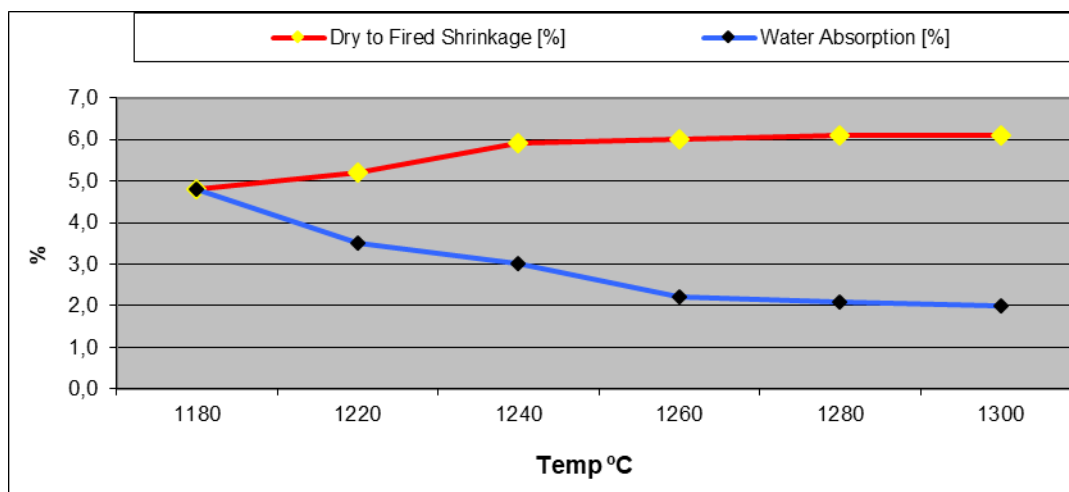
Technical Data (typical values)

Unfired

Moisture	18,5% plastic							
Chemical Analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O
	69,8%	1,35%	24,0%	1,20%	0,25%	0,40%	2,60%	0,20%
Loss of Ignition	5,0%							
Wet to Dry Shrinkage	5,0% plastic properties							

Fired

Specimen Firing Temperature [°C]	1100	1200
Coefficient of Thermal Expansion [x10-6/°C]		
20 - 400 °C	5,7	5,8
20 - 500 °C	6,0	6,1
20 - 600 °C	7,0	7,1
Dry to Fired Shrinkage [%]		5,0
Water Absorption [%]		4,5



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