

Characteristics

S 4005 is a stoneware body. It is suitable for plastic forming methods.
Available as plastic body.
Chamotte proportion: 40 %, chamotte size range: 0 - 0.5 mm

Firing Colour	brown - black
Recommended Firing Temperature Range	1000 - 1180 °C

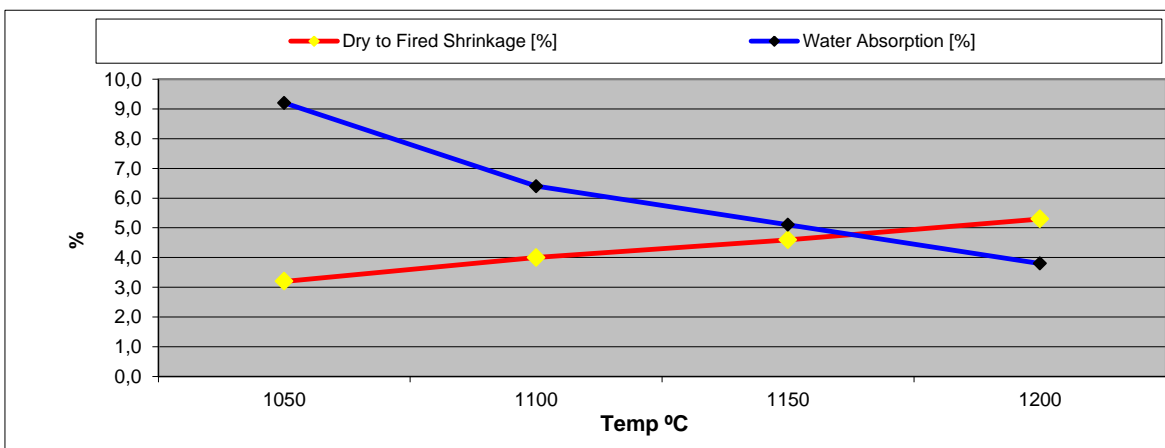
Technical Data

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	Mn
	68,8%	1,40%	20,8%	5,50%	0,40%	0,50%	2,40%	0,20%	1,3%
Loss of Ignition	4,5%								
Wet to Dry Shrinkage	5,5% plastic properties								

Fired

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



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The technical data quoted on this sheet is indicative only. Any sale is by sample and is governed by our general conditions of sale.



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