

S 4015 STONEWARE

Characteristics

S 4015 is a stoneware body. It is suitable for plastic forming methods.

Available as plastic body (PB S 4015 BO)

Chamotte proportion: 40 %, chamotte size range: 0 – 1.5 mm

Firing Colour	brown - black
Recommended Firing Temperature Range	1000 - 1180 °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	Mn
	69,0%	1,25%	20,5%	5,50%	0,30%	0,50%	2,40%	0,20%	1,2%

Loss of Ignition 4,5%

Wet to Dry Shrinkage 5,0% plastic properties

Fired

Specimen Firing Temperature [°C] 1100

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

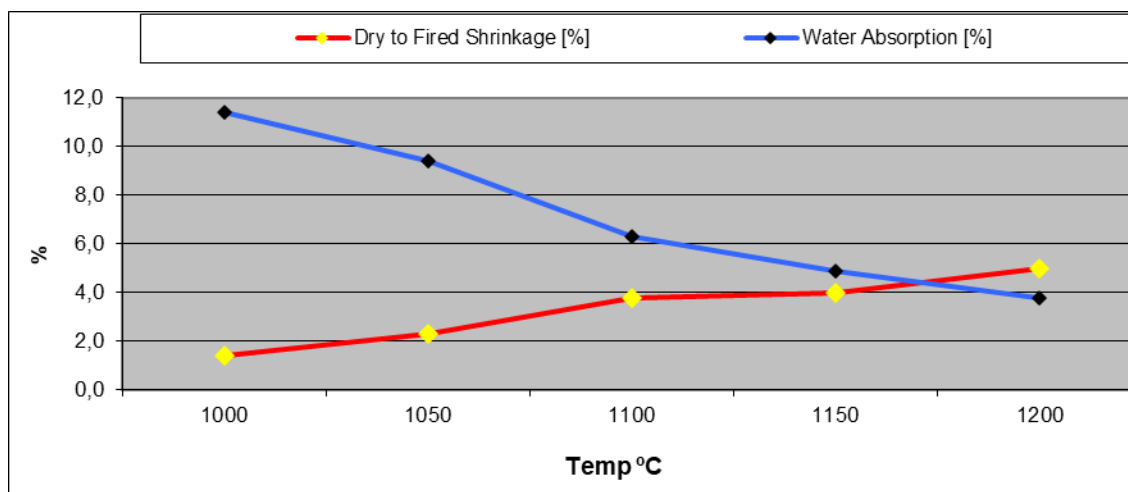
20 - 400 °C 6,7

20 - 500 °C 7,1

20 - 600 °C 8,1

Dry to Fired Shrinkage [%] 4,5

Water Absorption [%] 6,5



For Product Information & Customer Service

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