

ATELIERMASSE ROT 4005 STONEWARE BODY

Characteristics

Ateliermasse Rot 4005 is a stoneware body. It is suitable for plastic forming methods.

Available as plastic body.

Chamotte proportion: 40 %, Chamotte grain - size: 0 - 0.5 mm

Firing Colour	red
Recommended Firing Temperature Range	1000 - 1250 °C

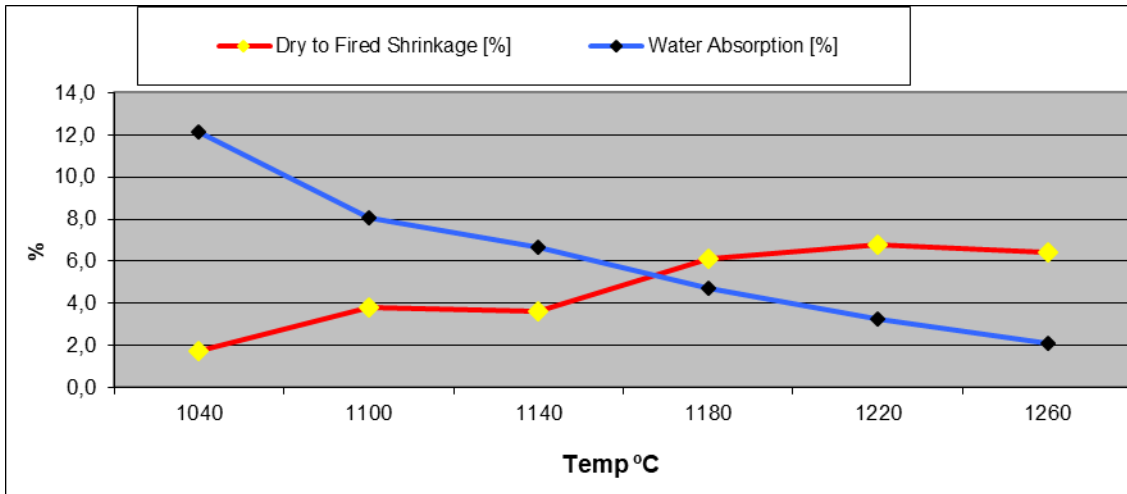
Technical Data (typical values)

Unfired

Moisture	18,0%	plastic
Chemical Analysis	SiO ₂ 68,0% TiO ₂ 1,30% Al ₂ O ₃ 20,7% Fe ₂ O ₃ 6,30% CaO 0,30% MgO 0,60% K ₂ O 2,60% Na ₂ O 0,20%	
Loss of Ignition	4,0%	
Wet to Dry Shrinkage	5,5%	plastic properties

Fired

Specimen Firing Temperature [°C]	1100
Coefficient of Thermal Expansion [x10 ⁻⁶ /°C]	
20 - 400 °C	6,9
20 - 500 °C	7,5
20 - 600 °C	8,9
Dry to Fired Shrinkage [%]	3,5
Water Absorption [%]	7,0



For Product Information & Customer Service

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