

K4000 EIGEN MERK

Technical Data

Characteristics

Ateliermasse K4000 is a stoneware body. It is suitable for plastic forming methods.
Available as plastic body.
Chamotte proportion: 25 %, Chamotte grain - size: 0 - 0.2 mm

Firing Colour	cream		
Recommended Firing Temperature Range	1000	-	1280 °C

Technical Data

Unfired

Moisture				17,4%	plastic			
Chemical Analysis	SiO2	TiO2	Al2O3	Fe2O3	CaO	MgO	K2O	Na2O
	75,7%	1,50%	19,0%	0,80%	0,20%	0,30%	2,30%	0,20%
Loss of Ignition				4,5%				
Wet to Dry Shrinkage				6,3%	plastic properties			

Fired

Specimen Firing Temperature [°C]	1200
Coefficient of Thermal Expansion [x10 ⁻⁶ /°C]	
20 - 400 °C	6,9
20 - 500 °C	7,4
20 - 600 °C	8,9
Dry to Fired Shrinkage [%]	5,1
Water Absorption [%]	3,9

