

Characteristics

K 129 is a stoneware body, it is suitable for plastic forming methods.

Good characteristics in drying and firing resistance, also good thermal shock properties (especially for RAKU - firing).

Available as plastic body: PB K 129 BO

Chamotte proportion: 30 % Molochite chamotte, chamotte size range: 0 - 0.5 mm

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

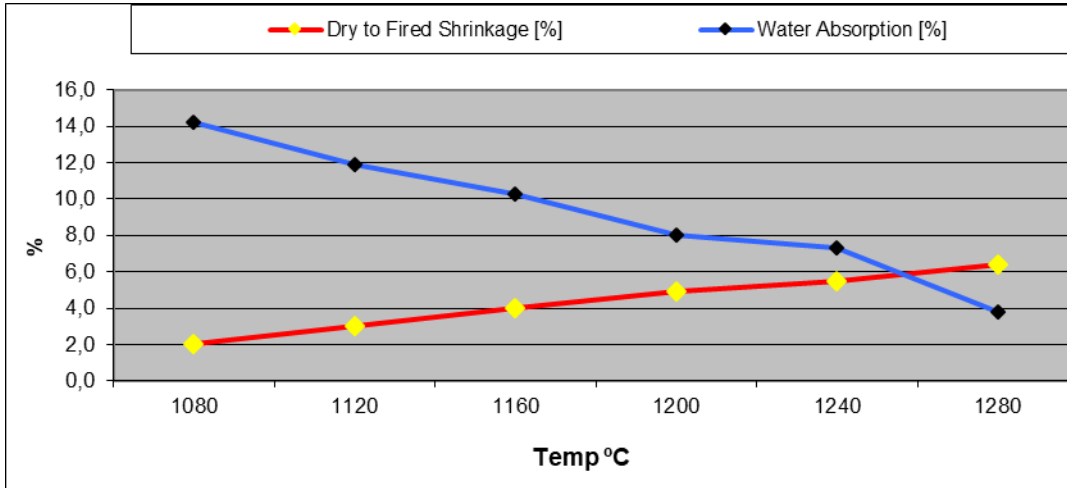
Technical Data (typical values)

Unfired

Moisture	19,0%	plastic
Chemical Analysis	SiO ₂ 62,0% TiO ₂ 0,78% Al ₂ O ₃ 33,2% Fe ₂ O ₃ 1,05% CaO 0,18% MgO 0,27% K ₂ O 2,05% Na ₂ O 0,18%	
Loss of Ignition	6,5%	
Wet to Dry Shrinkage	5,5%	plastic properties

Fired

Specimen Firing Temperature [°C]	1040	1200	1300
Coefficient of Thermal Expansion [x10 ⁻⁶ /°C]			
20 - 400 °C	4,2	4,9	4,7
20 - 500 °C	4,4	5,0	5,0
20 - 600 °C	5,0	6,0	5,4
Dry to Fired Shrinkage [%]	0,5	4,8	6,0
Water Absorption [%]	15,5	8,0	3,5



For Product Information & Customer Service

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