

**Characteristics**

K 144 is a black earthenware body. It is suitable for plastic forming methods.  
Available as plastic body.

Firing Colour	light brown - black
Recommended Firing Temperature Range	1000 - 1150 °C

**Technical Data**

Unfired

Moisture	21,5% plastic								
Chemical Analysis	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	K <sub>2</sub> O	Na <sub>2</sub> O	Mn
	64,0%	1,20%	19,0%	8,50%	5,50%	0,50%	2,30%	0,25%	2,3%
Loss of Ignition	10,0%								
Wet to Dry Shrinkage	5,8% plastic properties								

Fired

Specimen Firing Temperature [°C]	1040	1100
Coefficient of Thermal Expansion [x10 <sup>-6</sup> /°C]		
	20 - 400 °C	7,1
	20 - 500 °C	7,4
	20 - 600 °C	8,3
Dry to Fired Shrinkage [%]	3,0	3,5
Water Absorption [%]	9,0	5,5

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



KERAMISCHE MASSEN

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