

**Characteristics**

163a is a light firing clay suitable for various ceramic applications.  
Available as powder.

Firing Colour	cream
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**Technical Data**

Unfired

Moisture	0,8% powder							
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
	80,0%	1,50%	15,5%	0,60%	0,20%	0,20%	1,60%	0,20%
Loss of Ignition	4,8%							
Residue [63 µm]	8,0 %							
Wet to Dry Shrinkage	4,3% plastic without vacuum							

Fired

Specimen Firing Temperature [°C]	1040
Coefficient of Thermal Expansion [x10-6/°C]	
20 - 400 °C	7,9
20 - 500 °C	8,8
20 - 600 °C	10,8
Dry to Fired Shrinkage [%]	0,2
Water Absorption [%]	13,5

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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