

Characteristics

K 143 is a red earthenware body. It is suitable for plastic forming methods.
Available as plastic body.

Firing Colour	light red - red		
Recommended Firing Temperature Range	1000	-	1150 °C

Technical Data

Unfired

Moisture	21,0% plastic							
Chemical Analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O
	67,0%	0,80%	15,6%	8,50%	5,50%	0,50%	1,80%	0,20%
Loss of Ignition	9,0%							
Wet to Dry Shrinkage	5,5% plastic properties							

Fired

Specimen Firing Temperature [°C]	1040
Coefficient of Thermal Expansion [x10 ⁻⁶ /°C]	
20 - 400 °C	8,6
20 - 500 °C	9,1
20 - 600 °C	10,7
Dry to Fired Shrinkage [%]	2,0
Water Absorption [%]	9,0

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

28.01.2015



Amtsgericht Montabaur HRB 1581, Sitz der Gesellschaft 56235 Ransbach-Baumbach

Sibelco Deutschland GmbH
Sälzerstraße 20, 56235 Ransbach-Baumbach, Germany
Tel. +49 (0) 2623 83-0, Fax +49 (0) 2623 83-1499
Geschäftsführer Michael Klaas
www.sibelco.eu