

Characteristics

E - Ton is a red low sintering clay suitable for various ceramic applications; especially for engobes.

Manganese content: 600 - 1050 ppm

Available as powder

Firing Colour	red
Recommended Firing Temperature Range	950 - 1040 °C

Technical Data

Unfired

Moisture	3,0%	powder						
Chemical Analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O
	60,4%	0,90%	20,0%	9,00%	0,90%	3,00%	5,70%	0,10%
Loss of Ignition	7,4%							
Residue [63 µm]	1,5 %							
Wet to Dry Shrinkage	4,5%	plastic without vacuum						

Fired

Specimen Firing Temperature [°C]	1040	
Coefficient of Thermal Expansion [x10 ⁻⁶ /°C]		
	20 - 400 °C	6,8
	20 - 500 °C	7,2
	20 - 600 °C	8,0
Dry to Fired Shrinkage [%]	11,0	
Water Absorption [%]	1,6	

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



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