

## Characteristics

FT - RA is a red firing clay suitable for various ceramic applications. FT - RA is a low sintering clay with high plasticity.  
Available as powder.

Firing Colour	red
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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
	60,0%	1,33%	23,5%	11,50%	0,30%	0,60%	2,90%	0,10%
Loss of Ignition	7,5%							
Residue [63 µm]	1,5 %	>200µm	>125µm	>100µm	>63µm			
		0,0%	0,0%	0,2%	0,8%			

Disordered Kaolinite (%)	31
Mica (Sericite / Illite ) (%)	23
Quartz (%)	32

Wet to Dry Shrinkage	5,0%	plastic without vacuum
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### Fired

Specimen Firing Temperature [°C]	1040	1100	1200
Coefficient of Thermal Expansion [x10-6/°C]			
	20 - 400 °C	8,0	
	20 - 500 °C	8,3	
	20 - 600 °C	9,2	
Dry to Fired Shrinkage [%]	8,5	8,8	9,5
Water Absorption [%]	3,0	5,5	0,8



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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