

R - Terracotta

Characteristics

R is a midfire body. It is suitable for plastic forming methods.
Available as plastic body

Firing Colour	light red - red brown
Recommended Firing Temperature Range	1000 - 1200 °C

Technical Data (typical values)

Unfired

Moisture	23,5%	plastic						
Chemical Analysis	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	K ₂ O	Na ₂ O
	70,0%	1,30%	19,5%	6,40%	0,30%	0,50%	2,30%	0,30%
Loss of Ignition	6,0%							
Wet to Dry Shrinkage	6,0%	plastic properties						

Fired

Specimen Firing Temperature [°C]	1100
Coefficient of Thermal Expansion [x10 ⁻⁶ /°C]	
20 - 400 °C	7,2
20 - 500 °C	7,8
20 - 600 °C	9,3
Dry to Fired Shrinkage [%]	6,3
Water Absorption [%]	3,5

