

Technical Data Sheet

PF695 (Textured Red Stoneware)



Throwing



Modelling



Hand Building



Firing Range: 1080-1260°C



Colour: Red



Texture: Medium Textured



Bag Size: 12.5kg

Fired at

1300°C

1280°C

1260°C

1240°C

1220°C

1200°C

1180°C

1160°C

1140°C



Chemical Analysis (% Oxides Weight)		
Oxide		Percentages
Silicon Oxide	SiO ₂	
Aluminium Oxide	Al ₂ O ₃	
Iron Oxide	Fe ₂ O ₃	
Calcium Oxide	CaO	
Magnesium Oxide	MgO	
Sodium Oxide	Na ₂ O	
Potassium Oxide	K ₂ O	
Titanium Oxide	TiO ₂	
Loss of incineration	LOI at 1025°C	7.09

Green Physical Data	
Water Percentage	20-24%
Chamotte Percentage	55%
Chamotte Size	0-0.9mm
Consistency by penetrometer PT-207, using cylinder point of 2cm ³	0.9-1.1 kg/cm ²
IP Pfefferkorn (%)	19.75

Dry Physical Data	
Drying shrinkage at 110°	5.2%

Coefficient off Expansion
70.0

Fired Physical Data	
Firing shrinkage at 1280°C	5%
Water absorption at 1280°C	10.40 %
Fired Colour (CIELAB)	L: 35.61 a: 12.54 b: 8.01

This technical information is only a guide, established from the characterisation and analysis of representative samples, and from routine production averages.

Product characteristics are subject to modifications.

