

Technical Data Sheet

LoStone: Shale



Throwing



Modelling



Casting



Firing Range: 1060-1220°C

Cone 04 to Cone 6 (maximum)



Colour: Dark grey with lilac undertones



Texture: Smooth



Bag Size: 10kg

Fired at

1220°C

1200°C

1180°C

1160°C

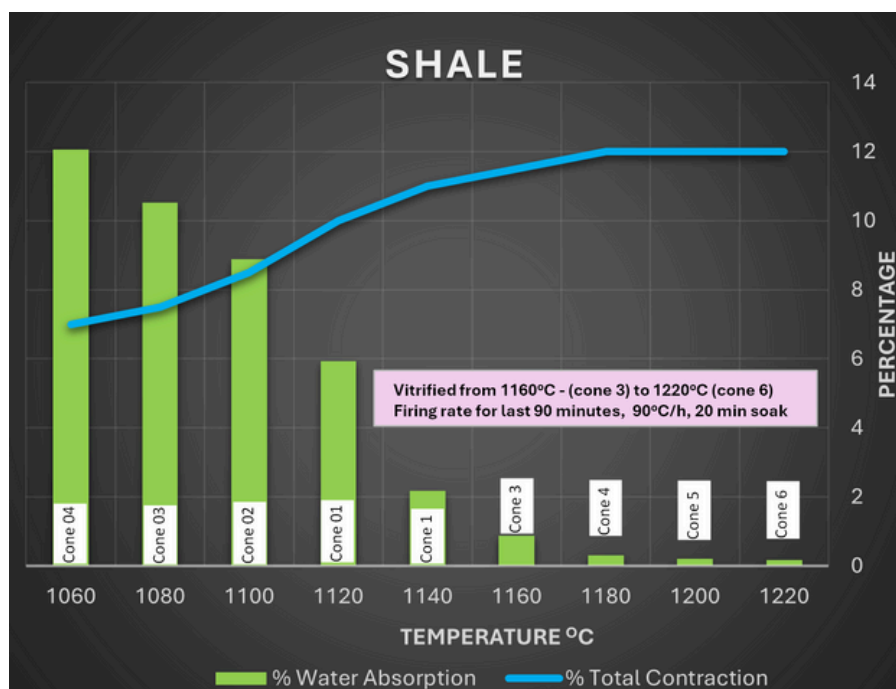
1140°C

1120°C

1100°C

1080°C

1060°C



Chemical Analysis %	
Chemical	%
SiO ₂	64.00
TiO ₂	1.04
Al ₂ O ₃	21.56
Fe ₂ O ₃	2.08
CaO	0.42
MgO	0.23
K ₂ O	3.34
Na ₂ O	1.85
LOI	5.84

% Total Contraction	
1100°C	8.5
1200°C	12.0

Thermal Expansion	
% at 500°C	0.351
Coefficient of Expansion C.O.E (x 10 ⁻⁶)	7.3

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.