

Technical Data Sheet

Sapphire Porcelain



Throwing



Firing Range: 1120-1280°C



Colour: Blue



Texture: Smooth Textured



Bag Size: 5kg

Fired at

1300°C

1280°C

1260°C

1240°C

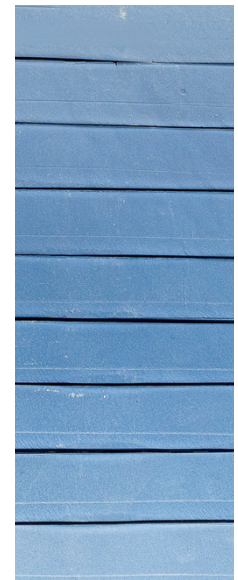
1220°C

1200°C

1180°C

1160°C

1140°C



Chemical Analysis %

Chemical	Percentage
<u>SiO₂</u>	64.18
<u>TiO₂</u>	0.04
AL ₂ O ₃	24.10
<u>Fe₂O₃</u>	0.36
P ₂ O ₅	0.10
CaO	0.45
MgO	0.26
K ₂ O	3.04
Na ₂ O	1.30
LOI	6.20

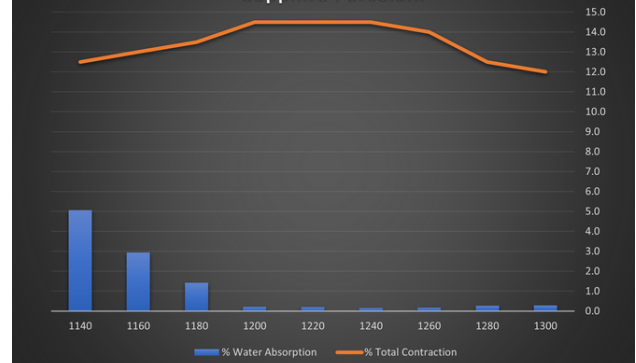
% Thermal Expansion

500°C	
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% Total Contraction

1100°C	x
1200°C	14.50

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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.