

CASTREE KILNS

Unit 5, Wembley Place, St Clears, Carmarthenshire, SA33 4LR

Technical Data Sheet of 42% Al Brick

Chemical characteristics	
Al₂O₃(%)	41.5
Fe₂O₃(%)	2
Physical properties	
Refractoriness	1750
0.2Mpa(°C)	
Porosity(%)	≤22
Bulk density(g/cm³)	2.20
Cold crushing strength(mpa)	30
Thermal expansion at 1000°C(%)	≤0.6
Dimension tolerance	
> 200mm	±2.0mm
100-200mm	±1.5mm
< 100mm	±1.0mm

NOTE: the data given in this technical information sheet are average values. they are therefore only approximate values subject to normal fluctuations caused by raw material and production variation.