



Alumina Crucibles and Substrates

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Technical Data Sheet: 130A Refractory Alumina

Description

A high purity alumina (99.4%) refractory material with an apparent porosity of 13%. The material shows high thermal shock resistance and shows good general chemical resistance to most materials. An excellent general purpose crucible material.

Physical Data

Colour	White
Apparent Porosity	13 %
Density	3.30 g/cm ³
Max service temperature	1650°C

Compositional Data

Oxide	Composition
Alumina (Al ₂ O ₃)	>99.4%
Lime (CaO)	0.02
Silica (SiO ₂)	0.15
Iron oxide (Fe ₂ O ₃)	0.05
Soda (Na ₂ O)	0.3
Titania (TiO ₂)	0.015