



RS.AL.80

Type of Product: High Alumina Brick

Physical Properties:

Refractoriness (°C)	1800
Bulk Density (Kg/m ³)	2550 - 2700
Porosity (%)	19 - 22
Cold Crushing Strength (Kg/Cm ²)	≥ 700
Modulus of Rupture (Kg/Cm ²)	≥ 180

Thermomechanical Properties:

Linear Change After heating at 1600° C (%)	Max 1
Refractoriness Under load (°C)	> 1500
Reversible Liner Thermal Expansion at 1400°C (%)	Max 0.7

Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	Na ₂ O+K ₂ O+LiO ₂
78 - 82	14 -16	2.0 - 2.2	3.3 - 3.5	0.6 - 0.8

- The above data are typical of the properties of commercial standard brick.
- The data are subject to reasonable variations and therefore should not be used for specification purposes.
- ASTM Test Methods, where applicable, used for determination of data.

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