

Group

HIGH – ALUMINA BRICKS
Validity : since 5.2.2020

Quality

TRIAL AT50V

CLASS	BASIC RAW MATERIAL
HIGH ALUMINA BRICKS	SiO₂ – Al₂O₃

APPLICATION TEMPERATURE (°C)	1470
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CHEMICAL ANALYSIS (%)					
Al ₂ O ₃ T. A	Fe ₂ O ₃ T. A	SiO ₂ T. A	CaO	TiO ₂	MgO
51,2	1,77	43,0	0,4	1,5	0,7

PHYSICAL PROPERTIES				
Refractoriness (SK) (min.) / T. A.	Cold crushing strength (MPa) (min.) / T. A.	Bulk density (g x cm ⁻³) T. A.	Apparent porosity (%) (max.) / T. A.	Refractoriness under load (°C) T _{0,5} T. A.
175 / 175	40 / 47	2,27	20,0 / 18,8	1 429

* T. A. – Typical Average

Packing: according to customers wish

Dimension tolerances: dimension < 150 mm ± 2,0 mm
dimension > 150 mm ± 1,5 %

Storability: 10 years