



IRAN REFRACTORIES COMPANY

TECHNICAL DATA SHEET



ALUMO 60 LI

Classification:	Alumina – Mullite Brick
Main Raw Material Component:	Alumina – Mullite
Type Of Bond:	Ceramic
P.C.E. (Equivalent temperature)	> 33 (1743 °C)
Main Applications:	Special usages. Petrochemical Industries, Excellent resistance to high temperature, abrasion, corrosion and chemical attacks.

Chemical Composition (Calcined base)

Al ₂ O ₃ %	SiO ₂ %	Fe ₂ O ₃ %
> 58	< 38	< 1.2

Physical Properties

<i>Bulk Density</i>	g/cm ³	>2.37
<i>Cold Crushing Strength</i>	kg/cm ²	> 700
<i>Apparent Porosity</i>	%	14-18
<i>Modulus of Rupture</i>	kg/cm ²	>80

Physical Properties

<i>Refractoriness under Load T05</i>	°C	1380-1450
<i>Reversible Linear thermal expansion (1100 °C)</i>	%	≈ 1.0

The above data are typical of the properties of commercial Standard brick .

The data are subject to reasonable variation and therefore should not be used for Specification purposes. They may not be regarded as committed specifications and therefore not as guaranteed properties .

ASTM Test Methods, where applicable, used for determination of data.

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