



IRAN REFRACTORIES COMPANY

TECHNICAL DATA SHEET



ALUMBOND

Temperature Service:	1410 °C
Classification:	High alumina base, air – setting mortar
Main Raw Material Component:	Bauxite
Type Of Bond:	Chemical Bonded
Grain Size	0 – 0.6 mm
Water required For Pouring	38 – 47 %
Features and Main Applications:	Develops high strength and has excellent working properties. Also has high refractoriness and excellent resistance to attack by corrosive slags . It can be used up to 1750 °C. General uses. Recommended for laying high alumina brick of the 50 % to 70 % class.

Chemical Composition (Calcined base)				
Al₂O₃ %	SiO₂ %	Fe₂O₃ %	TiO₂ %	(Na₂O+ K₂O+ Li₂O) %
58 – 62	30 – 34	1.5 – 3.0	2.0-4.0	4.0-5.0

All data based on cast specimens . ASTM procedures , where applicable , used for determination of data .

For data of application, consult our sales & Engineering service's experts .

All data subject to reasonable deviations , and therefore , should not be used for specification purposes. ASTM Test Methods, where applicable, used for determination of data.

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