



IRAN REFRACTORIES COMPANY

TECHNICAL DATA SHEET



IREFGUN 28 LI

Temperature Service:	1530 °C
Classification:	Medium Alumina Gunning mix with low iron hydraulic binder
Main Raw Material Component:	Super duty Low Iron chamott & calcium – aluminate binder
Type Of Bond:	Hydraulic
Grain Size	0 – 4 mm
Features and Main Applications:	Developed for use in extreme abrasion applications in equipment such as cyclones & piping, materials handling equipment, rotary kilns & etc. Highly abrasion resistant. Excellent strength throughout its temperature range. CO resistance and excellent thermal shock resistance. Adaptable for gunning, or troweling. Must be pre dampened before gunning .

Chemical Composition (Calcined base)			
Al₂O₃ %	SiO₂ %	Fe₂O₃ %	CaO %
50 – 54	37 – 39	1.3 – 1.6	6.0 – 8.0

Thermomechanical Properties			
		<i>After drying at 110 °C</i>	<i>After heating at 1480 °C</i>
Bulk Density	(Kg/m ³)	> 2200	–
Cold Crushing Strength	(kg/cm ²)	350-600	450-800
Modulus of Rupture	(kg/cm ²)	60-100	70-100
Linear Change	(%)	Negligible	– 1.5 to + 0.5

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

For data of vibration cast or gunned , 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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