IRAN REFRACTORIES COMPANY

TECHNICAL DATA SHEET

IREFGUN 26

Max. Temperature Service:	1370 °C
Classification:	Light weight, High strength Gunning mix.
Main Raw Material Component:	Blended gunable employing calcined clays , firm lightweight aggregates & calcium – aluminate binder .
Type Of Bond:	Hydraulic
Grain Size	0 – 5.5 mm
Water required For Pouring	28 – 35 %
Features and Main Applications:	Excellent volume stability. Various industrial furnaces, boilers, incinerators, stacks and as backup for other refractories suitable for greater mechanical abuse and higher temperatures. Combines high strength with high insulating value. Fast erection insulate backup.

Chemical Composition
(Calcined base)

Al_2O_3 %	SiO_2 %	Fe_2O_3 %	TiO_2 %	CaO %
36 – 38	35– 37	6.0 – 8.0	1.7 – 2.2	13 – 15

Thermomechanical Properties

		After drying at 110 °C	*After heating at 1370 °C*
Bulk Density	(Kg/m^3)	> 1500	–
Cold Crushing Strength	(kg/cm^2)	70-100	100-125
Modulus of Rupture	(kg/cm^2)	15-25	12-20
Linear Change	(%)	Negligible	–

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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