



### IREFGUN 20 LIS

<b>Max. Temperature Service:</b>	1170 °C
<b>Classification:</b>	Ultra Light weight Gunning mix.
<b>Main Raw Material Component:</b>	High quality Low Iron chamotte & calcium-aluminate binder
<b>Type Of Bond:</b>	Hydraulic
<b>Grain Size:</b>	0-3.6 mm
<b>Water required For Pouring:</b>	45 – 55 %
<b>Features and Main Applications:</b>	Low Thermal Conductivity. Excellent resistance to thermal shock, Stable withstand CO and alkali atmospheres. Easily installed by gunning or troweling. Wherever reduction resistance required; particularly in Iron ore pelletizing plants and Petrochemical Industries, Various industrial furnaces, incinerators, stacks and as backup for other refractories. Fast erection insulate backup

<b>Chemical Composition</b> (Calcined base)			
<b>Al<sub>2</sub>O<sub>3</sub> %</b>	<b>SiO<sub>2</sub> %</b>	<b>Fe<sub>2</sub>O<sub>3</sub> %</b>	<b>CaO %</b>
31 – 38	38-45	<1.7	10 – 16

<b>Thermomechanical Properties</b>		
		<i>After drying at 110 °C</i>
<b>Bulk Density</b>	(Kg/m <sup>3</sup> )	< 900
<b>Cold Crushing Strength</b>	( kg/cm <sup>2</sup> )	> 10
<b>Linear Change</b>	( %)	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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