



IRECAST 20 LI

Max. Temperature Service:	1160 °C
Classification:	Very light weight cast able
Main Raw Material Component:	Special low density fireclay
Type Of Bond:	Hydraulic
Grain Size:	0 – 3.6 mm
Water required For Pouring:	45 – 55 %
Dry Castable Required:	860 Kg/m ³
Features and Main Applications:	Low Thermal Conductivity. Good refractoriness, Good strength, Excellent resistance to thermal shock, Stable withstand CO and alkali atmospheres. Easily installed by casting or troweling & may be gunned. Recommended for Chemical & Petrochemical Industries, Various industrial furnaces , boilers , incinerators , stacks and as backup for other refractories suitable for greater mechanical abuse and higher temperatures.

Chemical Composition (Calcined base)			
Al₂O₃ %	SiO₂ %	Fe₂O₃ %	CaO %
33 – 38	40 – 45	< 2.0	10 – 16

Thermomechanical Properties		
		<i>After drying at 110 °C</i>
Bulk Density	(Kg/m ³)	< 920
Cold Crushing Strength	(kg/cm ²)	> 10
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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