



IRECAST 22 LI

Max. Temperature Service:	1240 °C
Classification:	Ultra Light weight Cast able.
Main Raw Material Component:	Blended cast able employing Low Iron calcined clays , firm lightweight aggregates & calcium – aluminate binder
Type Of Bond:	Hydraulic
Grain Size	0 – 3.5 mm
Water required For Pouring	44 – 53 %
Dry Castable Required	1060 Kg/m ³
Features and Main Applications:	Low Thermal Conductivity. Excellent resistance to thermal shock, Stable withstand CO and alkali atmospheres. Easily installed by gunning or troweling. Recommended for Chemical & Petrochemical Industries, particularly in Iron ore pelletizing plants, Various industrial furnaces, incinerators, stacks and as backup for other refractories. Fast erection insulate backup

Chemical Composition (Calcined base)			
Al₂O₃ %	SiO₂ %	Fe₂O₃ %	CaO %
33 – 38	40 – 45	<2	8 – 12

Thermomechanical Properties		
<i>After drying at 110 °C</i>		
Bulk Density	(Kg/m ³)	< 1100
Cold Crushing Strength	(kg/cm ²)	> 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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