



### IREFPLAST

<b>Max. Temperature Service:</b>	1650 °C
<b>Classification:</b>	Super duty fireclay plastic refractory.
<b>Main Raw Material Component:</b>	Fireclay
<b>Type Of Bond:</b>	Ceramic
<b>Dry Material Required</b>	2355 Kg/m <sup>3</sup>
<b>Features and Main Applications:</b>	Forms a solid monolithic refractory surface which is highly resistant to spalling due to thermal shock and to many types of acid slags. It has excellent workability and very low shrinkage. Recommended for Steel & Chemical Industries as well as Nonferrous Industries, Lime kilns. Irefplast forms a solid monolithic refractory surface which is highly resistant to spalling due to thermal shock and to many types of acid slags. It has excellent workability and very low shrinkage.

<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>TiO<sub>2</sub> %</b>
>37	<56	<2.5	<2.5

<b>Thermomechanical Properties</b>		
<i>After drying at 110 °C</i>		
<b>Bulk Density</b>	(Kg/m <sup>3</sup> )	> 2210

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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