

**AREFCO**

Arak Refractories

Arefcast 120 L

Isulating Castable

Physical Properties	Standard Test Method	Value
Max Service Temperature (c°)		1260
Material Basis	Light Weight Fire Clay	
Bulk Density (g/Cm ³)@110°C	ASTM C20	0.8±0.03
Cold Crushing Strength (kg/Cm ²)@110°C @1200°C	ASTM C133	30-35
		70-75
Modulus of Rupture (kg/Cm ²)@110°C @1200°C	ASTM C133	≥ 10
		≥ 20
Permanent Linear Change @1200°C for 24 hourd (%)	ASTM C269-70	≤ 2
Approximate amount of water required (liters/25 Kg)		9.5-10.5

Chemical Analysis (Wt %)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	Na ₂ O + K ₂ O
24-29	42-46	≤ 9	≤ 1.5	14-15	≤ 3