

**AREFCO**

Arak Refractories Co.

A – 145

Insulating Fire Brick

<i>Physical Properties</i>	<i>Standard Test Method</i>	<i>Value</i>
Max Service Temperature (°C)		1350
Bulk Density (g/Cm ³)	ASTM C134	1.5 ± 0.05
Cold Crushing Strength (kg/Cm ²)	ASTM C133	60 - 70
Permanent Linear Change at 1270°C for 24 hours (%)	ASTM C210	≤ 1

<i>Chemical Analysis (Wt %)</i>					
Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO + MgO	Na ₂ O + K ₂ O
38 - 41	52 - 54	1.3 – 1.5	2.8 - 3	< 0.5	≤ 0.5