

**AREFCO**

Arak Refractories Co.

A-90

Insulating Fire Brick

<i>Physical Properties</i>	<i>Standard Test Method</i>	<i>Value</i>
Max Service Temperature (°C)		900
Bulk Density (g/Cm ³)	ASTM C134	0.55 ± 0.05
Cold Crushing Strength (kg/Cm ²)	ASTM C133	7 - 13
Permanent Linear Change at 900°C for 24 hours (%)	ASTM C210	≤ 1
Thermal Conductivity (W/mK) at 900°C	DIN (EN) 993-14	0.23

<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
18 - 22	70 - 74	0.9 - 13	< 1	< 2	< 4

The technical data represent the average of the current production. During the test has to be considered a fluctuation of these values ± 10%. ASTM standards have been used for all of the experiments.