
Arefcast 145

ASTM C 401 Cl. R & S

دورنما : جرم ریختنی آلومینایی جهت مصارف عمومی صنایع مختلف

<u>Refractoriness:</u>	1600°C
<u>Max. service temperature:</u>	1450°C
<u>Bulk Density (Kg/m³):</u>	
110°C	2200 - 2400
1370°C	2250 - 2450
<u>Cold Crushing Strength (Kgf/cm²):</u>	
110°C	250 - 450
815°C	200 - 330
1370°C	230 - 420
<u>Permanent Linear Change (%):</u>	
815°C	-0.1 to -0.4
1370°C	-0.5 to +0.7
<u>Max. grain size (mm):</u>	7
<u>Average water addition Per 100Kg (%):</u>	12 - 15

Chemical Analysis (%)

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃
50-55	33-45	< 1.5

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.