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## **Arefcast 140**

ASTM C 401 Cl. Q & R

**دورنما :** جرم ریختنی عایق حاوی شاموت سبک و شاموت سنگین با کاکرد دمایی تا 1400°C، استحکام خوب در دماهای بالا.

**Max. service temperature:** 1400°C

**Bulk Density (Kg/m<sup>3</sup>):**  
110°C 780 - 990  
815°C 770 - 900

**Cold Crushing Strength (Kgf/cm<sup>2</sup>):**  
110°C 60 - 110  
815°C 25 - 75  
1370°C 85 - 155

**Permanent Linear Change (%):**  
815°C -0.1 to -0.4  
1370°C +0.4 to +0.9

**Max. grain size (mm):** 7

**Average water addition Per 100Kg (%):** 30 - 35

### **Chemical Analysis (%)**

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO
44 - 49	31 - 36	1 - 1.5	11 - 12

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.