



شرکت فرآورده های نسوز صنعت پاسارگاد
Pasargad Industry Refractories Company (PIREFCO.)

PIREF-Light Weight Castable ES23

Chemical Analysis

Al_2O_3	SiO_2	Fe_2O_3	CaO	TiO_2
37.5	38	7.5	12.5	2.2

Mechanical Analysis

Bulk Density (gr/cm^3)	Cold Crushing Strength (kg/cm^2) after drying at		PLC (%) at 1000 °C	Thermal Conductivity $\text{kcal}/\text{hm}^\circ\text{C}$ at ($^\circ\text{C}$)				Service Limit ($^\circ\text{C}$)	Grain Size (mm)	Mixing Liquid Water (%)
	110 °C	1000 °C		110	400	800	1250			
Max 1.4	45	25	-0.6	0.34	0.39	0.45	0.51	1300	0-6	15-20