



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

PIREF-Light Weight Castable 105P

Chemical Analysis

Al_2O_3	SiO_2	Fe_2O_3	CaO	TiO_2
35	39	8.0	13	2.7

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 1.1	30	15	-1.0	0.25	0.29	0.31	0.35	1200	0-5	20-25