



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

## PIREF-Mor 50

Applications: Steel making, Glass, and ...

### Chemical Analysis (%)

| $\text{Al}_2\text{O}_3$ | $\text{SiO}_2$ | $\text{Fe}_2\text{O}_3$ | $\text{TiO}_2$ | $\text{Na}_2\text{O}+\text{K}_2\text{O}$ | $\text{CaO}+\text{MgO}$ |
|-------------------------|----------------|-------------------------|----------------|------------------------------------------|-------------------------|
| 48-50                   | 42-43          | 1.5-2.5                 | 2.5-2.5        | $\leq 0.6$                               | $\leq 1.0$              |

### Mechanical Analysis

| Refractoriness<br>(°C) | PLC (%)<br>at Service<br>limit | Service<br>limit<br>(°C) | Grain<br>Size<br>(mm) | Mixing liquid,<br>Water<br>(%) |
|------------------------|--------------------------------|--------------------------|-----------------------|--------------------------------|
| 1715                   | - 1.7                          | 1325                     | 0 - 0.1               | 10-12                          |