



PALAR-SANAT-CO

TECHNICAL DATA

PLC-60

| | |
|-----------------------------------|--|
| PRODUCT TYPE | Dense Refractory Castable Low cement castable : |
| Main component | fireclay |
| Type of bond | hydraulic |
| Maximum service temperature | 1450 C° |
| Installation method | casting - Vibrating |
| Storage | 3 month |
| Packing | 25 Kg sacks |
| grain size | 0 - 6 mm |
| Water required for mixing on site | 6 - 7.5 litres per 100 Kg of dry material |

| PRODUCT PROPERTIES | VALUES | UNITS |
|--------------------|--------|-------|
|--------------------|--------|-------|

CHEMICAL ANALYSIS (Calcined basis)

| | Min | Max | Units |
|--------------------------------|-----|-----|-------|
| Al ₂ O ₃ | 60 | | % |
| SiO ₂ | 20 | | % |
| Fe ₂ O ₃ | 3 | | % |
| CaO | 3.5 | | % |

PHYSICAL PROPERTIES

| Bulk density | Min | 2.3 | gr/cm ³ |
|--------------|-----|-----|--------------------|
|--------------|-----|-----|--------------------|

Cold crushing strength (c.c.s)

| after 5 hr drying at 110 C° | Min | 550 | Kg/cm ² |
|------------------------------|-----|-----|--------------------|
| after 5 hr firing at 1000 C° | Min | 650 | Kg/cm ² |