



PALAR-SANAT-CO

TECHNICAL DATA

PLC-85

| | |
|-----------------------------------|--|
| PRODUCT TYPE | Dense Refractory Castable Low cement castable : |
| Main component | Bauxite |
| Type of bond | hydraulic |
| Maximum service temperature | 1650 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 litres per 100 Kg of dry material |

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

CHEMICAL ANALYSIS (Calcined basis)

| Al ₂ O ₃ | Min | 85 | % |
|--------------------------------|-----|-----|---|
| SiO ₂ | Max | 6 | % |
| Fe ₂ O ₃ | Max | 2.8 | % |
| CaO | Max | 3.5 | % |

PHYSICAL PROPERTIES

| | | | |
|--------------|-----|-----|--------------------|
| Bulk density | Min | 2.6 | gr/cm ³ |
|--------------|-----|-----|--------------------|

Cold crushing strength (c.c.s)

| | | | |
|------------------------------|-----|-----|--------------------|
| after 5 hr drying at 110 C° | Min | 650 | Kg/cm ² |
| after 5 hr firing at 1200 C° | Min | 750 | Kg/cm ² |