



## CONVENTIONAL CASTABLE

	SR CRETE	SR CRETE SUPER	SR HEAT A	SR HEAT K	SR HEAT C	SR HEAT M
<b>General Properties</b>						
Maximum Service Temp. °C	1400	1450	1750	1600	1500	1700
Maximum Grain Size (mm)	5	5	5	5	5	5
Water addition on site %	10.5-12.0	11.0-12.0	9.0-10.0	10.0-11.0	10.5-11.5	9.0-10.0
Reversible Thermal Expansion % at 1000°C.	0.55	0.65	0.80	0.60	0.55	0.75
<b>Physical Properties</b>						
Refractoriness (°C) / Orton min	1580	1680	1820(37)	1683(31)	1665(30)	1800
Dry Density (Kg/ m <sup>3</sup> ) min at 110° C	2100	2500	2800	2200	2100	2600
Cold Crushing Strength (Kg/ cm <sup>2</sup> ) at						
110°C/ 24 hrs	250	350	600	350	350	350
800°C/ 3 hrs	240	300	430	280	280	450
1350°C/ 3 hrs	225	-	-	-	-	-
1450°C/ 3 hrs	-	450	-	-	500	-
1550°C/ 3 hrs	-	-	650	520	-	600
PLC. % (max.) at						
1400°C/ 3 hrs	±1.00	±1.00	-	-	-	-
1500°C/ 3 hrs	-	-	±1.00	-	±1.00	-
1550°C/ 3 hrs	-	-	-	±1.50	-	±1.00
<b>Chemical Analysis</b>						
Al <sub>2</sub> O <sub>3</sub> (%) min.	45.00	65.00	90.00	60.00	50.00	80.00
Fe <sub>2</sub> O <sub>3</sub> (%) max	4.00	5.00	0.80	1.00	1.50	1.50

- Note :
- For each product a current product information would be provided on request. Please follow application procedure sheet before use.
  - In addition, we can supply Tailor made variety to suit customer's requirement.
  - Nature of Bond : Hydraulic
  - Installation : Pouring / Casting
  - Storage Life : 6 Months
  - Delivery State : Dry