



Technical Data Sheet

| ARCO CAST – LW22 | | |
|--|-------------------------------|------------------|
| Product Description | Light Weight Castable | |
| Raw material basis | Light Weight Aggregate | |
| Chemical Analysis (%): | | |
| Al ₂ O ₃ | % | 39-41 |
| SiO ₂ | % | 36-38 |
| Fe ₂ O ₃ | % | 1.5-2.5 |
| CaO | % | 13.5-14.5 |
| TiO ₂ | % | 1.5-2.5 |
| Physical Properties: | | |
| Bulk density after drying at | Kg/m³ | 1100-1200 |
| Grain size | mm | 0-5 |
| Approximate amount of water required | % | 22-26 |
| Max Service Temperature | °C | 1200 |
| Cold Crushing Strength(C.C.S) after : | | |
| drying at 110 (°c) | Kg/cm² | 35-45 |
| Heating at 1000 (°c) | | 30-40 |
| PLC at 1000 °c | % | 0.8 |
| Thermal Conductivity at | Kcal/hr.m.°c | |
| 110 °c | | 0.30 |
| 400 °c | | 0.25 |
| 1250 °c | | 031 |

- Packing in 25 Kg Bags.
- Note: The above technical information are liable to natural deviations, depending on production and shape, and they are not to be considered as guaranteed properties or guaranteed values.
Rev.Date:2016/14/09
- This specifications can be changed according to customer requirement and order.

مشخصات فوق بر اساس نیاز و سفارش مشتریان قابل تغییر است.