



Technical Data Sheet

ARCO CAST – 85		
Product Description	High Alumina Castable	
Raw material basis	Tabular Alumina	
Chemical Analysis (%):		
Al ₂ O ₃	%	Min 85
SiO ₂	%	Max 8
Fe ₂ O ₃	%	Max 2
TiO ₂	%	≤1.0
CaO+MgO	%	4.2
K ₂ O+Na ₂ O	%	0.7
Physical Properties:		
Bulk density after drying at	Kg/m³	2500-2600
Grain size	mm	0-6
Approximate amount of water required	%	7-9
Max Service Temperature	°C	1750
Cold Crushing Strength(C.C.S) after : drying at 110 (°c) Heating at Max Service Temperature (°c)	Kg/cm²	450-550 Min 450
PLC at 1000 °c	%	-0.1

- Packing in 30 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.