



Technical Data Sheet

ARCO CAST – 90		
Product Description	High Alumina Castable	
Raw material basis	Tabular Alumina	
Chemical Analysis (%):		
Al ₂ O ₃	%	Min 90
SiO ₂	%	≤2.5
Fe ₂ O ₃	%	Max 1
TiO ₂	%	≤0.6
CaO+MgO	%	3.5
K ₂ O+Na ₂ O	%	0.5
Physical Properties:		
Bulk density after drying at	Kg/m ³	2700-2800
Grain size	mm	0-6
Approximate amount of water required	%	6-8
Max Service Temperature	°C	1800
Dry Castable required	Kg/m ³	2600-2700
Cold Crushing Strength(C.C.S) after : drying at 110 (°c)	Kg/cm ²	450-600
Heating at Max Service Temperature (°c)		Min 350
PLC at 1000 °c	%	(-0.1) – (+0.1)

- 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.