



Technical Data Sheet

ARCO CAST – 70		
Product Description	Fireclay base Castable	
Raw material basis	Bauxit	
Chemical Analysis (%):		
Al ₂ O ₃	%	Min 70
SiO ₂	%	17-19
Fe ₂ O ₃	%	Max 2
TiO ₂	%	≤1.7
CaO+MgO	%	5
K ₂ O+Na ₂ O	%	0.1
Physical Properties:		
Bulk density after drying at	Kg/m ³	2350-2400
Grain size	mm	0-7
Approximate amount of water required	%	7-9
Max Service Temperature	°C	1650
Cold Crushing Strength(C.C.S) after : drying at 110 (°c)	Kg/cm ²	400-500
Heating at Max Service Temperature (°c)		Min 300
PLC at 1000 °c	%	-0.2

- 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.

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