



Technical Data Sheet

ARCO CAST – ES-1		
Product Description	Fireclay base Castable with hydraulic binder	
Raw material basis	Fireclay	
Chemical Analysis (%):		
Al ₂ O ₃	%	36-39
SiO ₂	%	37-40
Fe ₂ O ₃	%	7-9
TiO ₂	%	Max 3
MgO+CaO	%	11-13
K ₂ O+Na ₂ O	%	Max 1.5
Physical Properties:		
Bulk density after drying at	Kg/m³	1900-2000
Grain size	mm	0-6
Approximate amount of water required	%	8-10
Max Service Temperature	°C	1300
Cold Crushing Strength(C.C.S) after : drying at 110 (°c) Heating at Max Service Temperature (°c)	Kg/cm²	250-350 Min 300
PLC at 1000 °c	%	-0.3

- 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.

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