



Technical Data Sheet

ARCO CAST – 105P		
Product Description	Light Weight Castable	
Raw material basis	Light Weight Aggregate	
Chemical Analysis (%):		
Al ₂ O ₃	%	36-39
SiO ₂	%	39
Fe ₂ O ₃	%	6-7.5
CaO	%	13-14.5
TiO ₂	%	2.7
Physical Properties:		
Bulk density	Kg/m ³	1100
Grain size	mm	0-5
Approximate amount of water required	%	20-25
Max Service Temperature	°C	1200
Cold Crushing Strength(C.C.S) after : drying at 110 (°c) Heating at 1000 (°c)	Kg/cm ²	30 15
PLC at 1000 °c	%	-1.0
Thermal Conductivity at 110 °c 400 °c 800 °c 1250 °c	Kcal/hr.m.°c	0.25 0.29 0.31 0.35

- Packing in 15 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.