



Technical Data Sheet

ARCO CAST – 115P		
Product Description	Light Weight Castable	
Raw material basis	Light Weight Aggregate	
Chemical Analysis (%):		
Al ₂ O ₃	%	34-35
SiO ₂	%	37-39
Fe ₂ O ₃	%	7.5-8.5
CaO	%	12.5-13.5
TiO ₂	%	2.5
Physical Properties:		
Bulk density	Kg/m ³	1200-1250
Grain size	mm	0-5
Approximate amount of water required	%	18-22
Max Service Temperature	°C	1150
Cold Crushing Strength(C.C.S) after : drying at 110 (°c) Heating at 1000 (°c)	Kg/cm ²	35-50 40-60
PLC at 1000 °c	%	-0.8to-1.2
Thermal Conductivity at 110 °c 400 °c 800 °c 1250 °c	Kcal/hr.m.°c	0.29 0.35 0.38 0.43

- 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.