



Technical Data Sheet

ARCO S1		
Product Description	Acid Resistance Bricks	
Raw material basis	Fireclay	
Chemical Analysis (%):		
Al ₂ O ₃	%	25-27
SiO ₂	%	67-69
Fe ₂ O ₃	%	1.2-2
TiO ₂	%	1.5-2
K ₂ O+Na ₂ O	%	1.7-2.5
MgO+CaO	%	1-1.5
Physical Properties:		
Max Service Temperature	°c	1200
Refractoriness	Sk/°c	1520
Bulk Density	g/cm ³	1.9-2
App . Porosity	%	7-10
Cold Crushing Strength(C.C.S)	Kg/cm ²	450-700
Thermal Shock	cycles	-
RUL	T 0.5 °c	1200
Segeer Cone	-	10
Water Absorption	%	≤5.5
Acid Solubility	%	≤1.8

- 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.