



## Technical Data Sheet

<b>ARCO 85P</b>		
<b>Product Description</b>	<b>High Alumina Phosphate Bond Bricks</b>	
<b>Raw material basis</b>	<b>Tabular Alumina</b>	
<b>Chemical Analysis (%):</b>		
Al <sub>2</sub> O <sub>3</sub>	%	83-84.5
SiO <sub>2</sub>	%	11.5-12.5
Fe <sub>2</sub> O <sub>3</sub>	%	1
TiO <sub>2</sub>	%	0.5-1
K <sub>2</sub> O+Na <sub>2</sub> O	%	Max .05
MgO+CaO	%	≤.02
<b>Physical Properties:</b>		
Max Service Temperature	°c	1575
Refractoriness	Sk/°c	1820
Bulk Density	g/cm <sup>3</sup>	2.7-2.8
App . Porosity	%	15-18
Cold Crushing Strength(C.C.S)	Kg/cm <sup>2</sup>	600-750
Thermal Shock	cycles	10
RUL	T 0.5 °c	1410
Segeer Cone	-	37

- 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.