



### Technical Data Sheet

<b>ARCO CAST – LW23</b>		
<b>Product Description</b>	<b>Light Weight Castable</b>	
<b>Raw material basis</b>	<b>Light Weight Aggregate</b>	
<b>Chemical Analysis (%):</b>		
Al <sub>2</sub> O <sub>3</sub>	%	38
SiO <sub>2</sub>	%	37.5
Fe <sub>2</sub> O <sub>3</sub>	%	6.5
CaO	%	12.5
TiO <sub>2</sub>	%	2.3
<b>Physical Properties:</b>		
<b>Bulk density after drying at</b>	<b>Kg/m<sup>3</sup></b>	<b>Max 1450</b>
<b>Grain size</b>	<b>mm</b>	<b>0-5</b>
<b>Approximate amount of water required</b>	<b>%</b>	<b>18-22</b>
<b>Max Service Temperature</b>	<b>°C</b>	<b>1250</b>
<b>Cold Crushing Strength(C.C.S) after :</b>		
<b>drying at 110 (°c)</b>	<b>Kg/cm<sup>2</sup></b>	<b>50</b>
<b>Heating at 1000 (°c)</b>		<b>30</b>
<b>PLC at 1000 °c</b>	<b>%</b>	<b>-0.7</b>
<b>Thermal Conductivity at</b>		
<b>110 °c</b>	<b>Kcal/hr.m.°c</b>	<b>0.32</b>
<b>400 °c</b>		<b>0.38</b>
<b>800 °c</b>		<b>0.44</b>
<b>1250 °c</b>		<b>0.50</b>

- Packing in 20 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.