

**Product Description**

A non-wetting, self flowing ultra low cement refractory castable developed for the Aluminium industry.

**Typical Product Data**

Service Limit (°C)	<b>1200</b>	Aggregate	<b>Bauxite</b>
Recommended (Min %)	<b>5.6</b>	Installation by	<b>Self Flow</b>
Water Addition (Max %)	<b>6.5</b>		
Max Grain Size (mm)	<b>5</b>		

**Typical Properties After Heating**

	110 °C	1000 °C	1400 °C
CCS (Mpa)	55.5	74.0	
BD min (kg/m <sup>3</sup> )	2825	2775	
max (kg/m <sup>3</sup> )	2975	2925	
PLC (%)	±0.2	±0.4	
MOR (Mpa)	12		

**Typical Chemical Properties**

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	TiO <sub>2</sub>	Alkali
85.2	7.3	0.6	1.3	2.2	2.5

*Thermal Conductivity*                      2.81 W/mK @ 1000°C  
*Shelf Life*    6 Months  
*Standard Packaging*                              25 Kg Paper Bags

**Important Product Notes**

*Formerly Known as ALKON® Flow Optimum 303*

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Water % used for QC Testing      **6**

The published statistical data does not constitute a specification. Data is generated from production QC testing and is subject to variation.

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