



## **CASTFLO® AC 1600 AR**

### **Product Description**

A super duty, abrasion resistant dense refractory castable.

### **Typical Product Data**

Service Limit (°C)	<b>1600</b>	Aggregate	<b>Synthetic Mullite</b>
Recommended (Min %)	<b>8.8</b>	Installation by	<b>Casting</b>
Water Addition (Max %)	<b>10.2</b>		
Max Grain Size (mm)	<b>8</b>		

### **Typical Properties After Heating**

	110 °C	1000 °C	1400 °C
CCS (Mpa)	60.0	35.0	50.0
BD min (kg/m³)	2175	2070	2090
max (kg/m³)	2325	2220	2240
PLC (%)	±0.2	±0.4	-1.0 / +0.5
MOR (Mpa)	10		

### **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
52.9	40.4	0.7	3.8	1.6	1.9

Thermal Conductivity	1.39	W/mK @ 1000 °C
Shelf Life	12	Months
Standard Packaging	25 Kg	Paper Bags

### **Important Product Notes**

*Formerly Known as Hanlon 1600 ARCF*

Water % used for QC Testing **9.5**

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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