

**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/m <sup>3</sup> )	2175	2070	2090
max (kg/m <sup>3</sup> )	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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