

**Product Description**

A super duty, abrasion resistant, dense refractory castable.

**Typical Product Data**

|   |             |                 |                 |
|---|-------------|-----------------|-----------------|
| Service Limit (°C)                            | <b>1600</b> | Aggregate       | <b>Chamotte</b> |
| Recommended (Min %)<br>Water Addition (Max %) | <b>ARFG</b> | Installation by | <b>Gunning</b>  |
| Max Grain Size (mm)                           | <b>3</b>    |                 |                 |

**Typical Properties After Heating**

|                             | 110°C | 1000°C | 1400°C      |
|-----------------------------|-------|--------|-------------|
| CCS (Mpa)                   | 55.5  | 29.6   | 23.1        |
| BD min (kg/m <sup>3</sup> ) | 2110  | 2000   | 1970        |
| max (kg/m <sup>3</sup> )    | 2260  | 2150   | 2120        |
| PLC (%)                     | ±0.2  | ±0.4   | -1.0 / +0.6 |
| MOR (Mpa)                   | 8     |        |             |

**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 |
| 51.3                           | 40.3             | 0.7                            | 5.3 | 1.5              | 1.8    |

*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 ARGCF*

All values are obtained from cast samples

Water % used for QC Testing    **13**

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

|                                |     |                 |          |
|--------------------------------|-----|-----------------|----------|
| Reference Document Number - PD | 143 | Latest Revision | 1-Mar-05 |
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