

A 1600°C grade, low cement castable with exceptionally high fluidity allowing installation of the most intricate shapes with minimal vibration. Exhibits ultra high strengths, low porosity and excellent abrasion resistance for improved service life.

**Characteristics**

Bond Type	Hydraulic
Raw Material Base	Chamotte
Maximum Service Temperature °C	1600
Refractoriness °C (Seger Cone)	1690 (31)
Bulk Density kg/m <sup>3</sup> Dried to 110°C	2400
Net Material Required Cast (Gunned) kg/m <sup>3</sup>	2400 (n/a)

**Physical Properties**

Test Temperature °C	Cold Crushing Strength N/mm <sup>2</sup>	Permanent Linear Change %
110	70-120	nil
800	70-120	-0.2
1000	100-150	-0.3
1300	120-150	-0.5
1600	200-240	-1.0

<b>Thermal Conductivity</b> at mean temp. 600°C (W/mK)	1.6
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Chemical Analysis	(%)
Al <sub>2</sub> O <sub>3</sub>	52
SiO <sub>2</sub>	42
CaO	1.5
Fe <sub>2</sub> O <sub>3</sub>	0.6
Cr <sub>2</sub> O <sub>3</sub>	-
SiC	-
P <sub>2</sub> O <sub>5</sub>	-
MgO	-

Water Addition	
% by weight	5.2-6.4
Litres/25kgs	1.3-1.6

Samples Prepared By : Vibrocasting

Reference No.	TMD1042/01/4
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The above data is determined by regular sample testing in accordance with British Standard 1902 (where applicable). Because normal manufacturing tolerances apply, the data should not be taken as a precise specification.

Your local contact :-



ISO 9002 Approved

**Thermal Ceramics Offices**
**Thermal Ceramics UK (Plant)**

Commercial Road  
 Bromborough, Wirral  
 CH62 3NL England

T: 44 0 151 334 4030 F: 44 0 151 343 5437  
 E-mail: sales@thermalceramics.co.uk

**Thermal Ceramics Italiana (Plant)**

Via Delle Rogge 6  
 20071 Casalpusterlengo  
 LO, Italy

T: 39(0377) 910 0815 F: 39(0377) 910 830  
 E-mail: tcisales@thermal-ceramics.com

**Dalian Morgan Refractories Ltd (Plant)**

931 Xinan Road  
 Shahekou District, Dalian, 116033  
 Peoples Republic of China

T: 86 (41) 1665 1508 F: 86 (41) 1666 5478  
 E-mail: info@dalianmorgan.com

Website: [www.thermalceramics.com](http://www.thermalceramics.com)