



DATA SHEET: VELCRETE G -401

Particulars	VELCRETE G -401
Service Temp°C (Max)	1500
Bulk Density (gm/cc) (Dried at 110°C)(Min.)	2.3
Permanent linear change (%) (Max.) @1400°C/3 hrs	- 0.5
Cold crushing strength (kgf/cm <sup>2</sup> )(Min.)	
110°C	750
1100°C	700
Chemical Analysis (%)	
Al <sub>2</sub> O <sub>3</sub> (Min)	50
Fe <sub>2</sub> O <sub>3</sub> (Max)	1
Grain Size (MM) (Max.)	3
Recommended Water (%)	12 – 14
Shelf Life (Months)	9

**NOTE:** 1.Above are average typical test data subject to reasonable variations.

2. Tested as per BIS 10570: 1983.



DATA SHEET: VELCRETE G -403

Particulars	VELCRETE G -403
Service Temp°C (Max)	1700
Bulk Density (gm/cc) (Dried at 110°C)(Min.)	2.8
Permanent linear change (%) (Max.) @1500°C/3 hrs	±1.0
Cold crushing strength (kgf/cm <sup>2</sup> )(Min.)	
110°C	800
1100°C	600
Chemical Analysis (%)	
Al <sub>2</sub> O <sub>3</sub> (Min)	80
Fe <sub>2</sub> O <sub>3</sub> (Max)	1.5
Grain Size (MM) (Max.)	3
Recommended Water (%)	10 – 12
Shelf Life (Months)	9

**NOTE:** 1.Above are average typical test data subject to reasonable variations.

2. Tested as per BIS 10570: 1983.

The Monolithic Team

**Sharadaa Ceramics Pvt. Ltd.**  
No.387, SIDCO Industrial Estate, Ambattur, Chennai-600098  
Tel: 91-44-26254365, 91-44-26254366, 91-44-26358941  
Fax: +91 44 42189355  
eshwar@vsnl.com, sharadaceramic@airtelmail.in  
www.sharadaaceramics.com

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