

**Mfg. & Importer - Exporter of Minerals & Stones**205, Shivalik Abaise, Opp. Shell Petrol Pump, Beside Platinum Banquet Hall,  
100 Feet Prahaladnagar Road, Ahmedabad - Gujarat - INDIA (380015)

Mobile Number : +91 9825019229 / +91 9670707070 / +91 9227872898

E-mail : info@devintl.co.in / bossodani@gmail.com / Website : www.devintl.co.in

**QUALITY CERTIFICATE****Product Name : Dev Abrasive Garnet****Grade & Size : 80 Mesh***We hereby certify that the Garnet shipped for the is having the following results from our lab analysis.*

Chemical Analysis		Sieve Analysis Report			
Elements	%	M.M.	ASTM	Actual%	Cum . %
SiO <sub>2</sub>	35.83	0.425	40	0.000	0.000
Al <sub>2</sub> O <sub>3</sub>	20.65	0.300	50	5.550	5.55
Fe <sub>2</sub> O <sub>3</sub>	33.13	0.250	60	28.240	33.79
MgO	6.60	0.212	70	28.870	62.66
CaO	2.35	0.180	80	16.900	79.56
TiO <sub>2</sub>	0.77	0.150	100	16.110	95.67
MnO	0.50		PAN	4.330	100.00
Na <sub>2</sub> O	0.01				
K <sub>2</sub> O	0.01				

**Physical Analysis**

Specific Gravity : 4.1	Colour : red-pink
Conductivity : <27 us/cm	Grain Shape : Sub angular
Chloride : <20 ppm	Toxic substances : None
Hardness : >7.moh scale	Moisture : 0.18%
Acid Solubility(hel) : <1.0%	Bulk Density : 2.49 g/cm <sup>3</sup>

**Mineral Composition % by Weight**

Garnet : 98.00%

Ilmenite : 01.50%

Non Magnetic Impurities : 00.50%

Sample Taken by : Dev International



Authorized Signatures

- Sample taken and sieve analysis under reference of ISO 11127-2.

- Chloride content Analysis by Spectrophotometer

- Chemical analysis have been determined by Lab XRF

*This result relates to the sample tested. This certificate shall not be reproduced except in full, without written approval of the laboratory***\*\* AN ISO 9001 : 2008 CERTIFIED BY LABORATORY BY VINCERT \*\***