



# Technical Data

## GR-FG 100

<b>PHYSICAL PROPERTIES</b> <b>(ASTM procedures used where applicable)</b>	<table> <tr> <td>Bulk Density (lb/ft<sup>3</sup>):</td> <td>206</td> </tr> <tr> <td>Apparent Porosity, %:</td> <td>13.7</td> </tr> <tr> <td>Cold Crushing(lb/in<sup>2</sup>): At 70°F (21°C)</td> <td>6610</td> </tr> <tr> <td>Modulus of Rupture(lb/in<sup>2</sup>): At 70°F (21°C)</td> <td>1580</td> </tr> <tr> <td>At 2700°F (1480°C)</td> <td>480</td> </tr> </table>	Bulk Density (lb/ft <sup>3</sup> ):	206	Apparent Porosity, %:	13.7	Cold Crushing(lb/in <sup>2</sup> ): At 70°F (21°C)	6610	Modulus of Rupture(lb/in <sup>2</sup> ): At 70°F (21°C)	1580	At 2700°F (1480°C)	480		
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<b>CHEMICAL ANALYSIS</b> <b>(Ignited)</b>	<table> <tr> <td>SiO<sub>2</sub> .....</td> <td>0.8 %</td> </tr> <tr> <td>Al<sub>2</sub>O<sub>3</sub> .....</td> <td>6.4</td> </tr> <tr> <td>Fe<sub>2</sub>O<sub>3</sub> .....</td> <td>12.0</td> </tr> <tr> <td>CaO .....</td> <td>0.7</td> </tr> <tr> <td>MgO .....</td> <td>59.2</td> </tr> <tr> <td>Cr<sub>2</sub>O<sub>3</sub> .....</td> <td>20.9</td> </tr> </table>	SiO <sub>2</sub> .....	0.8 %	Al <sub>2</sub> O <sub>3</sub> .....	6.4	Fe <sub>2</sub> O <sub>3</sub> .....	12.0	CaO .....	0.7	MgO .....	59.2	Cr <sub>2</sub> O <sub>3</sub> .....	20.9
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The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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