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Product Overview – Standard Range

Chemical Properties:
- SiO₂: 55 – 65 %
- Al₂O₃: 27 - 33 %
- Fe₂O₃: ≤ 6 %
- CO₂ (content in the spheres): 70 %
- N₂ (content in the spheres): 30 %
- Loss on ignition (1000°C): ≤ 2 %

<table>
<thead>
<tr>
<th>Material</th>
<th>SG (500)</th>
<th>527S (355)</th>
<th>PG (355LF)</th>
<th>160</th>
<th>106</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typical Particle Size Range:</td>
<td>5-500</td>
<td>5-355</td>
<td>5-355</td>
<td>5-180</td>
<td>5-106</td>
</tr>
</tbody>
</table>

Particle Size Distribution:
- % passing 500 μm: 99.5-100
- % passing 300 μm: 99.5-100
- % passing 180 μm: 99.5-100
- % passing 150 μm: 99.5-100
- % passing 106 μm: 99.5-100
- % passing 100 μm: 99.5-100
- % passing 50 μm: 99.5-100

Physical data:
- Average Loose bulk density: 0.35-0.48 g/cc
- Colour: Grey
- Packing Factor %: 60-65
- Melting Temperature: 1200-1350°C
- Typical Crush Strength: 1500-3000 psi

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