SPARLITE 28G is a low iron insulating castable with high strength and good thermal conductivity.

**PHYSICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Service Temperature</td>
<td>2800°F</td>
</tr>
<tr>
<td>Dry Castable Requirement</td>
<td>95.0 lbs./cu.ft.</td>
</tr>
<tr>
<td>Approximate Water for Pouring</td>
<td>3.0-3.5 gal./100 lbs.</td>
</tr>
<tr>
<td>Bulk Density after 220°F</td>
<td>100.0 lbs./cu.ft.</td>
</tr>
</tbody>
</table>

- **Modulus of Rupture**
  - After Heating to 1500°F: 100-150 lbs/sq.in
  - After Heating to 2732°F: 900-1100 lbs/sq.in

- **Cold Crushing Strength**
  - After Heating to 1500°F: 400-600 lbs/sq.in
  - After Heating to 2732°F: 2000-3000 lbs/sq.in

- **Linear Change, %**
  - After Heating to 1500°F: -0.3
  - After Heating to 2732°F: -2.0

- **Typical Chemical Analysis, %**
  - Al2O3: 50.60
  - SiO2: 40.32
  - CaO: 6.02
  - Fe2O3: .93
  - TiO2: 1.17
  - MgO: .14
  - Alkalies: .82

The above are average results and do not constitute a specification.

**SPARLITE 28G** is available in 50# and 75# bags, palletized and shrink-wrapped.

**NOTE: CASTABLE MUST BE STORED IN DRY PLACE**