# 6.5 Grendel

### Specification:
- **Weight (grains):** 140
- **Ballistic Coefficient:** 0.498
- **Sectional Density:** 0.287
- **COAL Tested:** 2.140"
- **Speer Part No.:** 1441

### Table: 6.5mm Spitzer SP Hot-Cor®

<table>
<thead>
<tr>
<th>Propellant</th>
<th>Case</th>
<th>Primer</th>
<th>Weight (grains)</th>
<th>Muzzle Velocity (feet/sec)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winchester 748</td>
<td>Federal</td>
<td>Federal 205</td>
<td>25.4 C</td>
<td>2064</td>
</tr>
<tr>
<td>Alliant Power Pro Varmint</td>
<td>Federal</td>
<td>Federal 205</td>
<td>25.1 C</td>
<td>2111</td>
</tr>
<tr>
<td>Hodgdon CFE 223</td>
<td>Federal</td>
<td>Federal 205</td>
<td>25.4</td>
<td>2090</td>
</tr>
<tr>
<td>Ramshot TAC</td>
<td>Federal</td>
<td>Federal 205</td>
<td>24.0</td>
<td>2070</td>
</tr>
<tr>
<td>IMR 8208 XBR</td>
<td>Federal</td>
<td>Federal 205</td>
<td>22.9</td>
<td>2018</td>
</tr>
<tr>
<td>Alliant AR-Comp</td>
<td>Federal</td>
<td>Federal 205</td>
<td>22.2</td>
<td>2025</td>
</tr>
<tr>
<td>Vitivuori N135</td>
<td>Federal</td>
<td>Federal 205</td>
<td>21.6 C</td>
<td>1972</td>
</tr>
<tr>
<td>Accurate 4064</td>
<td>Federal</td>
<td>Federal 205</td>
<td>23.6</td>
<td>1943</td>
</tr>
</tbody>
</table>

### Start Charge
- **Weight (grains):**
  - Winchester 748: 25.4 C
  - Alliant Power Pro Varmint: 25.1 C
  - Hodgdon CFE 223: 25.4
  - Ramshot TAC: 24.0
  - IMR 8208 XBR: 22.9
  - Alliant AR-Comp: 22.2
  - Vitivuori N135: 21.6 C
  - Accurate 4064: 23.6

### Maximum Charge
- **Weight (grains):**
  - Winchester 748: 28.6 C
  - Alliant Power Pro Varmint: 27.7 C
  - Hodgdon CFE 223: 28.2 C
  - Ramshot TAC: 26.5
  - IMR 8208 XBR: 25.4 C
  - Alliant AR-Comp: 24.4 C
  - Vitivuori N135: 23.9 C
  - Accurate 4064: 24.5 C
- **Muzzle Velocity (feet/sec):**
  - Winchester 748: 2338
  - Alliant Power Pro Varmint: 2323
  - Hodgdon CFE 223: 2315
  - Ramshot TAC: 2250
  - IMR 8208 XBR: 2230
  - Alliant AR-Comp: 2186
  - Vitivuori N135: 2128
  - Accurate 4064: 2039

**WARNING:** Improper handloading practices can result in serious personal injury and/or property damage. Refer to the current SPEER® Reloading Manual for handloading instructions. Be thoroughly familiar with those instructions before using these loads. As Vista Outdoor Operations LLC has no control over individual handloading practices or the condition of firearms in which the resulting ammo may be used, we disclaim all liability for any damages that may result from the use of this information.

Maximum loads should be used with CAUTION. • C = Compressed Load