AUSTIN POWDER
A TRADITION OF SAFETY, STRENGTH AND SERVICE.

AUSTINITE® Series
Ammonium Nitrate / Fuel Oil Mixture

DESCRIPTION

Austinite is a series of ammonium nitrate / fuel oil blasting agent products for a variety of blasting applications.

BENEFITS

**Austinite 15**
- Contains only high quality industrial grade ammonium nitrate prill.
- Optimized fuel ratio for oxygen balanced detonation.
- Excellent free flowing handling characteristics.

**Austinite WR 300**
- Simply dewater borehole and load the WR300 before water returns.
- Provides full borehole coupling.
- 10% higher VOD than conventional ANFO.

**Austinite 7 HE**
- Aluminized ANFO product that produces higher heat of reaction than conventional ANFO.
- 37% higher energy than conventional ANFO.
- Expanded patterns are possible resulting in decrease blasting costs.

PROPERTIES

<table>
<thead>
<tr>
<th>Product</th>
<th>Density [g/cc]</th>
<th>RBS‡</th>
<th>Water Resistance</th>
<th>VOD [ft/s]</th>
<th>VOD [m/s]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austinite 15</td>
<td>0.82</td>
<td>100</td>
<td>Poor</td>
<td>13,000</td>
<td>3,962</td>
</tr>
<tr>
<td>Austinite WR 300</td>
<td>0.90</td>
<td>99</td>
<td>Good</td>
<td>14,300</td>
<td>4,380</td>
</tr>
<tr>
<td>Austinite 7 HE</td>
<td>0.85</td>
<td>137</td>
<td>Poor</td>
<td>12,500</td>
<td>3,818</td>
</tr>
</tbody>
</table>

‡ Energy is calculated using TIGER, a thermo-dynamic computer code used by Austin Powder Company. Other computer codes may give different values. ANFO = 100 @ 0.82 g/cc.
PRIMING

Austinite products must be in direct contact with an appropriate size Red-D Prime® or cast booster. Additional primers may be required depending upon geological conditions and face height.

PACKAGING

Austinite Series products are packaged in 50 lb. multi-wall paper and 25 kg plastic valve bags.

Note: All dimensions and weights are nominal.

STORAGE

Store in accordance with all applicable local, state, provincial and federal laws.

SHELF LIFE

Three months from date of manufacture under good storage conditions.

UN CLASSIFICATION

Shipping Name: Explosive, Blasting, Type B
Class & Division: 1.5D
ID Number: UN0331

DOT REFERENCE NUMBER

EX-1993030283 (Austinite 15)
EX-1993030284 (Austinite WR 300)
EX-1993030284 (Austinite 7 HE)

Disclaimer of Warranties and Limitations of Liabilities

"Products described in this bulletin are sold by Austin Powder Company without warranty; express, implied or statutory or as to MERCHANTABILITY, except as expressly stated in Austin Powder’s straight bill of lading. Under no circumstances shall seller be liable for loss of anticipated profits, consequential damages or incidental damages."