



# Austinite® Series

Ammonium Nitrate / Fuel Oil Mixture

## AUSTIN POWDER

A TRADITION OF SAFETY, STRENGTH AND SERVICE.

### 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

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

<sup>‡</sup> 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.

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## 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.*



For more information and service locations in your area, please contact:

**Austin Powder Company**  
25800 Science Park Drive  
Cleveland, Ohio, USA 44122

Phone: 1-800-321-0752  
Fax: 1-216-464-4418  
Web: [www.austinpowder.com](http://www.austinpowder.com)  
Email: [info@austinpowder.com](mailto:info@austinpowder.com)

## 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."