



# PRODUCT INFORMATION BROCHURE

1.5D

## AUSTINITE ANFO



**Austinite** is a blasting agent based on ammonium nitrate prill mixed with fuel oil.

### PRODUCT OVERVIEW

#### PROPERTIES

<b>Density (g/cc)</b>	0.78
<b>Nominal VOD (m/s)*</b>	3,400
<b>Energy (kcal/kg)<sup>1</sup></b>	923
<b>Gas volume (l/kg)<sup>1</sup></b>	1,054
<b>RWS (ANFO)</b>	100

\* It will depend on the application, diameter and confinement

<sup>1</sup> Energy values are calculated using Explo 5, a thermo-dynamic computer code employed by Austin Powder Company. Other computer codes may give different values.

#### BENEFITS

- 100% of coupling to the borehole wall
- Excellent gas volume
- Easy use
- Low density
- Low sensitivity

## STANDARD PACKAGING

Austinite is packaged in polyethylene bag 25 kg/bag.

## USE

- Open pit mining
- Underground mining with good ventilation
- Quarries
- Civil projects
- Dry boreholes
- Austin accepts no responsibility for any loss or liability arising from use of the product in ground containing pyritic or other reactive material.

## INITIATION

Austinite are products that require a high explosive (Pentolite booster, Packaged emulsion) of adequate size for its good initiation. Blasting agents aren't sensitive to detonator initiation.

## SHELF LIFE, STORAGE & DISPOSAL

- Shelf life is nine months from date of manufacture, under good storage conditions.
- Austinite must be stored in magazines for high explosives or blasting agents. These magazines must meet the current legal requirements.
- Disposal: according to local regulations. If in doubt consult the supplier.

Contact your local Austin Powder representative for further information.

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## TRANSPORT – UN CLASSIFICATION

Shipping Name: EXPLOSIVE, BLASTING, TYPE B  
Class & Division: 1.5D  
ID Number: UN 0331



**AUSTIN POWDER**

**Our Mission is to improve the world we live in through the safe and responsible use of explosives.**