



PRODUCT INFORMATION BROCHURE

1.5D

AUSTINITE 15



Austinite 15 is a blasting agent with a strictly controlled mixture of Ammonium Nitrate and Mineral Oil.

ADVANTAGES

- Recommended as a Column Charge.
- High effectiveness, performance and economy.
- Excellent free flowing handling characteristics.
- High energy of gases, basic factor for a good fragmentation and adequate displacement of the rock.
- Poor water resistance.

PRODUCT OVERVIEW

TECHNICAL DESCRIPTION

AUSTINITE 15 is a blasting agent with a high production of gases at the time of detonation, making it very economical in most operations.

APPLICATION RECOMMENDATIONS

- Austinite 15 can be used in surface and underground mining, quarries and construction work applications.
- Must be used in dry environments and is not suitable for use in wet boreholes.
- Not for use in hazardous environments where flammable gases or dust may exist.
- Austin Powder Mexico accepts no responsibility for any loss or liability arising from use of the product in ground containing pyritic or other reactive material.

PRIMING

Austinite 15 is a booster-sensitive blasting agent and must be in direct contact with a suitable sized cartridge of Emulex 1 or a cast booster for proper initiation.

PROPERTIES

Properties		Value
Bulk Density		0.82
Gas Volume [l/kg]		1,075
Relative Weight Strength [ANFO=100] ⁽¹⁾		100
Relative Bulk Strength [ANFO=0.82 g/cm ³] ^{(1) ‡}		100
Fume Class		1
Velocity of detonation ⁽²⁾	[ft/s]	>10,800
	[m/s]	>3,300

Notes:

(1) Theoretical values based on Austin modeling which assumes ideal detonation.

(2) The velocity of detonation will depend on application, diameter and confinement.

‡ Energy values are calculated using Explo 5, a thermo-dynamic computer code employed by Austin Powder Company. Other computer codes may give different values. ANFO = 100 @ 0.82 g/cc.

STANDARD PACKAGING

High resistance polypropylene woven sack with inner polyethylene liner protection. Net content: 25 kilos.

SHELF LIFE, STORAGE & DISPOSAL

- Store in accordance with all applicable local, state, provincial, and federal laws.
- The disposal of explosives needs to comply with local and national laws. Contact Austin Powder with disposal questions.
- Six months from the date of manufacture under good storage conditions.

TRANSPORT - UN CLASSIFICATION

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

US DOT REFERENCE NUMBER

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AUSTIN POWDER

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