



# PRODUCT INFORMATION BROCHURE

1.5D

## SUPER MEXAMON D



**SUPER MEXAMON D** is a low-density blasting agent, ideal for use in underground operations.

### ADVANTAGES

- High effectiveness, performance and economy.
- Low density, which implies less kilos of explosives per hole.
- Super Mexamon D's composition compacts effectively in horizontal and vertical holes when loaded pneumatically.
- Must be adequately confined to ensure its performance.
- When pneumatically loaded has a lower loading density per meter in comparison to regular ANFO.
- Super Mexamon D generates an equivalent fragmentation but reduces damage to the surrounding rock due to its lower density in the blast hole.
- Poor water resistance.

## PRODUCT OVERVIEW

### TECHNICAL DESCRIPTION

Super Mexamon D is a blasting agent only manufactured by Austin Bacis.

### APPLICATION RECOMMENDATIONS

- Super Mexamon D 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

Super Mexamon D 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	0.56	
Pneumatic loading system density @ 70 - 80 psi [g/cc]	0.65	
Gas Volume [l/kg]	1,073	
Relative Weight Strength [ANFO=100] <sup>(1)</sup>	96	
Relative Bulk Strength [ANFO=0.82 g/cm <sup>3</sup> ] <sup>(1) ‡</sup>	66	
Fume Class	1	
Velocity of detonation <sup>(2)</sup>	[ft/s]	>9,842
	[m/s]	>3,000

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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