

# Hydromite<sup>e</sup> 3

## PRODUCT INFORMATION BROCHURE

**Hydromite 3** is a blasting agent based on an emulsion blended with ammonium nitrate; with an excellent combination of velocity and gas volume. Widely used in surface mining, quarrying and construction work. Excellent results achieved when used as a column load or bottom hole charge.

### ADVANTAGES

- High energy and borehole loading factor providing economical blasting costs.
- Develops excellent gas volume for heave displacement.
- Good borehole coupling characteristics.
- Excellent water resistance.

### PROPERTIES

Properties	Value	Tolerance
Density (g/cc)	1.25	± 0.02
Velocity of Detonation VOD (m/s)	4,800 *	± 15%

\* Unconfined in 63 mm diameter



**AUSTIN POWDER**  
INTERNATIONAL

**Industriales Austin de Costa Rica S.A.**

Tel: (506) 2636-4400 Fax: (506) 2636-4400 Ext 106 email: [ventas@austincr.com](mailto:ventas@austincr.com)

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### STANDARD PACKAGING

Cartridge Size mm	Cartridge Weight kg	Box Weight kg
63x400	1.66	25
75x400	2.27	25
75x800 *	5.00	30
89x400	3.12	25
89x800 *	6.00	30

**Note ( \* ) :** Product in Bags of 30 kg.

### STORAGE

- Lower temperature limit +10°C.
- Upper temperature limit +35°C.
- Storage away from oxidizing Agents.
- Keep ignition sources away - Do not Smoke.
- Store in dry, well ventilated conditions according to local regulations.
- Keep away from heat and direct sunlight.

### USE

- Minimum initiator required is a cast booster or 500 grams of Emulex 1.
- Used in surface mining.
- Used in Construction work.

### SHELF LIFE

- Six months from the date of manufacture when stored as recommended.

### TRANSPORTATION DATA

- Shipping Name: Explosive, Blasting, type E.
- UN Class and Division: 1.5D.
- UN Number: 0332.



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