

Emulex 1

PRODUCT INFORMATION BROCHURE

EMULEX 1 is a detonator sensitive emulsion with an excellent combination of velocity of detonation and good gas generation characteristics. Widely used in surface mining blasting, quarrying, construction work. Works well as a column load or base charge.

ADVANTAGES

- High energy allows and extended drilling pattern for more economical blasting cost.
- Develops excellent gas volume for heave displacement.
- Good borehole coupling characteristics when the diameter of product applied is matched to the dimensions of the blast hole.
- Excellent water resistance.

PROPERTIES

Properties	Value	Tolerance
Density (g/cc)	1.12	± 0.03 (Ø < 50mm)
	1.16	± 0.03 (Ø ≥ 50mm)
Velocity of Detonation VOD (m/s)	5,000 *	± 10%

* Unconfined in 50mm diameter.



AUSTIN POWDER
INTERNATIONAL

Industriales Austin de Costa Rica S.A.

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STANDARD PACKAGING

Cartridge Size mm	Cartridge Weight kg	Box Weight kg
25X400	0.23	25
32X400	0.36	25
38X400	0.53	25
50X400	1.00	25
63X400	1.66	25
75X400	2.27	25
89X400	3.12	25
100X400	4.16	25

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 640 mg of PETN.
- Used in underground mining.
- Used in surface mining.
- Used in construction work.

SHELF LIFE

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

TRANSPORTATION DATA

- Shipping Name: Explosive, Blasting, type E.
- UN Class and Division: 1.1D
- UN Number: 0241



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