

Emulex C

PRODUCT DATA SHEET

Emulex C Low-density explosive emulsion sensitive to the detonator. Used as an explosive of contour to soften detonation in tunnel profiles.

PRODUCT ADVANTAGES

It distributes the load evenly across all pre-cut blast-holes or tunnel profiles, reducing excessive rock fragmentation.

The diameter of the product when used in blast-holes of appropriate size reduces coupling and minimizes damage to the rock left in situ.

Excellent water resistance.

PROPERTIES

Properties	Value
Nominal density [g/cm ³] Ø 1 < 2" ⁽¹⁾	0.90
Velocity of Detonation, VOD [m/s] ⁽²⁾ (not confined)	3950

Notes:

⁽¹⁾ Product density is a property that depends on temperature.

⁽²⁾ VOD results depend on application, diameter and confinement.



AUSTIN POWDER

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STANDARD CONTAINER

Cartridge dimensions [mm]	Cartridge weight [kg]	Box weight NEQ [kg]
25 x 400	0.180	20

Notes: Dimensions and weight are nominal values subject to variations related to production.
Other dimensions available according to customer requirements.

STORAGE

- Storage must be in accordance with local, provincial, state and federal laws.
- Store away from oxidizing agents.
- Store in a dry, fresh, clean and well-ventilated environment.
- Do not expose the product to direct sunlight or heat sources.
- Lower temperature limit +10 °C.
- Upper temperature limit +35 °C.

APPLICATION

- Lower temperature limit -10 °C.
- Upper temperature limit +60 °C.
- Minimum 0.64 g PETN detonator or comparable resistance detonator.
- For underground and surface use, construction work, quarries and blasting work Type E.

LIFETIME

1 year from the date of manufacture under proper storage conditions.

FINAL DISPOSITION

In accordance with legal, local and national requirements. If in doubt, contact your supplier or manufacturer.



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TRANSPORTATION DATA

Shipping name: EXPLOSIVE, TYPE E

UN Class and Division: 1.1D

UN Number: 0241

Warranty disclaimer and limitations of liability:

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