



PRODUCT INFORMATION

BROCHURE

1.1D

EMULINE



Emuline is a cap sensitive emulsion explosive which combines Emulex 1 with detonating cord (12 g/m). It was designed for application in contour boreholes, "pre-splitting" and "post-splitting" applications.

PRODUCT OVERVIEW

PROPERTIES

Nominal Density [g/cm ³]	1.05
Mass explosive per meter [kg/m] ¹	0.56
Effective energy [GW/m] ²	3.35

Notes:

¹ Based on Emulex 1.

² For information on the calculations please contact our sales team.

BENEFITS

- Speeds up the loading work, easy handling.
- Smooth blasting, overbreak control.
- No additional preparation necessary, directly applicable.

STANDARD TECHNICAL DESCRIPTION

Diameter [mm]	Total Length [m]	Box Weight NEQ [kg]
25	36	20.5

Notes: Size and weight are nominal values and may show production related variations.
Other sizes are available on request.

USE

- Lower temperature limit for application: -20 °C.
- Upper temperature limit application: +60 °C.
- Maximum static overpressure 0.3 MPa (3 bar) for 24 hours.
- Not for underground use.
- Not for use in hazardous environments where flammable gases or dust may exist.
- Austin accepts no responsibility for any loss or liability arising from use of the product in ground containing pyritic or other reactive material.
- The detonating cord tracing the Emuline must be dry. For reliable initiation:
- Detonator with minimum 0.7 g PETN base charge or detonator of comparable strength
- 5 g/m detonating cord or larger attached to the 12 g/m detonating cord that traces the Emuline.

SHELF LIFE, STORAGE & DISPOSAL

- Shelf life is 12 (twelve) months from the date of manufacture.
- This product must be stored in magazines for high explosives. These magazines must meet the current legal requirements.
- In case of presenting the following condition, do not guaranteed the shelf life:
 - Lower temperature limit 0 °C (max. 4 months of storage down to -20 °C).
 - Upper temperature limit: +30 °C.
- Disposal: According to local and national laws. If in doubt consult the supplier.

TRANSPORT – UN CLASSIFICATION

Shipping Name: EXPLOSIVE, TYPE E
Class & Division: 1.1D
ID Number: UN 0241

Contact your local Austin Powder representative for further information.

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It is solely the responsibility of the product user to determine the safe conditions for use of the products referred to herein. Use of any products by a user is at the user's sole risk.

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AUSTIN POWDER

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

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