



# Emuline

## PRODUCT INFORMATION BROCHURE

**Emuline** is a detonator sensitive emulsion specially designed for controlled blasting applications requiring de-coupling of the explosive charge. The product can be used for pre splitting, post splitting and smooth blasting applications.

**Emuline** is packaged as continuous emulsion cartridges with an attached line of 15 g/m detonating cord.

### ADVANTAGES

- **Emuline** distributes the load uniformly through the presplit boreholes.
- The detonating cord ensures reliable detonation of the de-coupled charge.
- Reduces damage to the final wall as the charge is de-coupled from the rock to be left in situ.
- Excellent water resistance.
- Good operational handling. The continuous length of emulsion cartridges can be cut to customer requirements length.

### PROPERTIES

Density (g/cc), nominal	1,10
Nominal VOD of detonating cord (not confined)	>6.500

### PROPERTIES FOR EMULEX

	Values
Oxygen balance [%] (1)	-1,4
Gas volume [L/kg] (1)	845
Heat of explosion [kJ/kg] (1)	3.978
RWS [ANFO=100]	108
RBS [ANFO=0.85 g/cm3]	140



## AUSTIN POWDER

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### STANDARD PACKAGING

Cartridge Size (mm)	Length (m)	Nominal weight of cartridge (kg)	Nominal weight of box NEQ (kg)
25 x 500	30	0,268	17
32 x 500	20	0,435	18
	24	0,435	20,25
40 x 500	8	0,663	22

### STORAGE

- Lower temperature limit 0 °C (max. 3 months of storage down to -10 °C)
  - Maximum temperature storage 30 °C (above 30 °C, max. 3 months)
- This product must be stored in magazines for high explosives. These magazines must meet the current legal requirements

### USE

- Lower temperature limit -20 °C
- Upper temperature limit +60 °C
- Minimum detonator 0.64 g PETN or detonator of comparable strength or 5 gram or larger detonating cord attached to the 15 g/m detonating cord that traces the Emuline. The detonating cord tracing the Emuline must be dry.
- Underground mining
- Surface mining
- Quarrying
- Not for use in hazardous environments where flammable gases or dust may exist.
- Austin Powder Argentina accepts no responsibility for any loss or liability arising from use of the product in ground containing pyritic or other reactive material.
- Do not cut or squeeze cartridges when loading
- The ratio of the diameter of the cartridge to the borehole diameter is an important variable, ask a technical representative if any doubt.

### SHELF LIFE

6 (six) months from the date of manufacture.

### DISPOSAL

According to local and national laws. If in doubt consult the supplier.

### TRANSPORTATION DATA

Shipping name: EXPLOSIVE, BLASTING, TYPE E  
UN Class and Division: 1.1 D  
UN Number: 0241

Contact your local Austin Powder representative for further information.

#### Disclaimer of Warranties and Limitations of Liabilities

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