

# Emulex AV

## PRODUCT INFORMATION BROCHURE

**Emulex AV** is an emulsion explosive containing aluminium which is used to release avalanches artificially. It is commonly used as concentrated charge and can be used at temperatures down to -30 °C.

### ADVANTAGES

- Excellent resistance against winter conditions.
- Very low amount of toxic fumes.
- Excellent water resistance.
- Good handling due to stiff cartridges.

### PROPERTIES

Properties	Value
Density [g/cm <sup>3</sup> ]	1,05
Oxygen balance [%] <sup>(1)</sup>	+0,1
Velocity of detonation [m/s] (without confinement) <sup>(2)</sup>	> 4.000

<sup>(1)</sup> Theoretical values based on Austin modeling which assumes ideal detonation. Values calculated with other codes may differ. For additional information please contact our sales team.

<sup>(2)</sup> The velocity of detonation will depend on application, diameter and confinement.



**AUSTIN POWDER**

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### STANDARD PACKAGING

Cartridge Size [mm]	Cartridge Weight [kg]	Box Weight [kg]
95 x 350	2.5	25.0
95 x 470	3.4	23.4
110 x 470	4.5	22.5

Notes: Size and weight are nominal values and may show production related variations.

### STORAGE

- Lower temperature limit -10 °C.
- Upper temperature limit +30 °C.

### USE

- Lower temperature limit -30 °C.
- Upper temperature limit +50 °C.
- Minimum detonator 0. 7 g PETN or detonator of comparable strength.
- Maximum static overpressure 0.3 MPa (3 bar) for 24 hours.
- 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.

### SHELF LIFE

18 months from the date of manufacture.

### DISPOSAL

In accordance with local and national legal requirements. In doubt contact your supplier or the manufacturer.

### TRANSPORTATION DATA

Shipping Name: EXPLOSIVE, TYPE E

UN Class and Division: 1.1D

UN Number: 0241

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