

APB

PRODUCT INFORMATION BROCHURE

APB is a detonator sensitive booster and can be used to prime low sensitivity or non-cap sensitive explosives such as ANFO and blasting agents. It also can be used as a primer in combination with all other emulsion explosives from Austin Powder.

ADVANTAGES

- No toxic ingredients, no nitroaromatic or nitrocarbon compounds.
- High resistance to dynamic pre-compression in water filled boreholes.
- Safe and easy processing.
- Excellent water resistance.
- Good handling due to stiff cartridges.
- Designed for improved detonator placement.

PROPERTIES

Properties	Value
Nominal Density [g/cm ³]	1.17 - 1.18
Oxygen balance [%] ⁽¹⁾	- 0.6
Velocity of detonation [m/s] ⁽²⁾ (without confinement)	5,500 (diameter 65 mm)

⁽¹⁾ 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.

⁽²⁾ 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 NEQ [kg]
50 x 350	0.900	25.2
50 x 700	1.800	25.2
65 x 350	1.500	24.0
65 x 600	2.500	25.0

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

STORAGE

- Lower temperature limit 0 °C (max. 3 months of storage down to -10 °C).
- Upper temperature limit +30 °C.

USE

- Lower temperature limit -15 °C.
- Upper temperature limit +60 °C.
- Minimum detonator 0.7 g PETN or detonator of comparable strength.
- Maximum static overpressure 0.3 MPa (3 bar) for 24 hours.
- 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.

SHELF LIFE

1 year 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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