

# APB 20

## PRODUCT INFORMATION BROCHURE

The **AP Booster 20** is a 20g pressed charge made from a high explosive and can be used for ignition of low sensitive or non-cap sensitive explosives. The booster consists of a seamless plastic shell closed with a lid containing elastic lamellas for a firm connection to the detonator. The charge is based on PETN/RDX/TNT. All commercially



available electric and non-electric detonators are completely housed in the shell and thereby protected during use. The AP Booster 20 is mainly used underground as a booster charge for Hydromite 100 and other emulsion explosives as well as for blasting with powdered explosives. The booster is not designed for blasting operations in mines and for tunneling where inflammable gases, vapors or dust are present.

### ADVANTAGES

- Excellent performance and handling in combination with Hydromite 100 (underground pump-emulsion explosive). Very suitable for tough and hard rock.
- Safe and easy processing.
- For underground and surface use.
- Suitable for use with bulk explosives in small diameter blast holes.
- Excellent water resistance.

### PROPERTIES

Properties	Value
Diameter [mm]	15
Length [mm]	150
Charge [g]	20
Nominal Density [g/cm <sup>3</sup> ]	1.4 ± 0.1
Velocity of detonation [m/s] <sup>(1)</sup>	7000
Theoretical Energy [kJ/kg]	5483
Impact Sensitivity [J]	≥ 12.5
Friction Sensitivity [N]	≥ 200

Notes:

<sup>(1)</sup> The velocity of detonation will depend on application, diameter and confinement.



**AUSTIN POWDER**

Available from;  
BREXCO LTD



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## STANDARD PACKAGING

Unit Weight [g]	Units per box	Box Weight NEQ [kg]
20	800	17.6

## STORAGE

- Store in a temperature range of -30°C to + 40°C and a relative humidity of 80%.

## USE

- Lower temperature limit -30 °C for 8 hours.
- Upper temperature limit +50 °C for 8 hours.
- A detonator with a minimum of 0.6 g PETN (REF.DET 3) must be used for reliable initiation.
- Can be used underwater up to a depth of 30 m, i.e. (hydrostatic pressure of 0.3 MPa); for 8 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.
- Must not be split!
- Must not be used for pneumatic loading!

## SHELF LIFE

5 years from date of production

## DISPOSAL

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

## TRANSPORTATION DATA

Shipping Name: APB 20

UN Class and Division: 1.1D

UN Number: 0042

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