

POLAR PX MAXISPLIT



TECHNICAL DATA SHEET – PACKAGED EXPLOSIVES

POLAR PX MAXISPLIT Continuous Pre-Split Product

POLAR PX MAXISPLIT is a watergel explosive presented in a continuous cartridge form. Its design application is trim blasting perimeter walls ahead of the main shot. Initiated by a detonator, it has application-specific 10g/m detonating cord running internally through the entire length of the product. This ensures complete functioning of the length of the cartridge.

APPLICATION

POLAR PX MAXISPLIT is designed specifically for use in pre-split blasting. It is suited to hard rock operations where smaller diameter holes are drilled.

The inhibited version of the product is suitable for use where reactive ground conditions exist.

PHYSICAL PROPERTIES

Explosives Class	1.1D
UN Number	UN0241
Density	1.15 g/cc
Velocity of Detonation* (VOD)	Watergel: 4300 m/s Detonating Cord: 6500 m/s
Water Resistance	Excellent

*Product VOD is dependent on VOD of detonating cord.

RECOMMENDATIONS

Use: Presplit shots need to be drilled such that the resulting explosive distribution suits local geological conditions. POLAR PX MAXISPLIT is available in standard and inhibited formulations for reactive ground conditions.

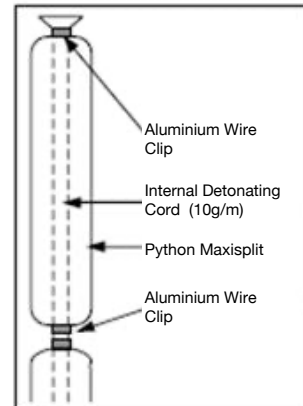
Priming: A minimum No.8 strength detonator is required for reliable initiation of this product.

Water Resistance: POLAR PX MAXISPLIT has excellent water resistance.

Temperature Range: The product is recommended for use in ambient temperatures up to 55°C.

Shelf Life: POLAR PX MAXISPLIT has a shelf life of one (1) year when transported and stored under ideal conditions.

Sleep Time: Maximum sleep time is dependent on ground conditions, however the sleep times of other explosives used in the shot may be the limiting factor overall.



PHYSICAL PROPERTIES

Diameter mm	Charge Kg/m	Quantity m/case	Case Weight Kg
26	0.6	27.0	19
32	0.9	17.6	19
38	1.3	12.2	19

POLAR PX MAXISPLIT is produced in 19kg cases. All weights above include the internal 10g/m detonating cord.

SAFETY

First Aid – Please refer to the Safety Data Sheet for POLAR PX MAXISPLIT, Nitro Sibir Australia Ref. PE10.

Safety - All explosives are classified as dangerous goods and must be handled and stored with care. Misuse may result in personal injury and/or damage to property. Explosives should only be handled by persons with the appropriate technical skills, experience, training and licences.

Transportation and Storage – All explosives must be handled, transported and stored in accordance with all applicable state and federal statutory regulations.



TDS: PE08

VERSION: 1.0

LAST UPDATED: 01/23

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