

SEMEXSA

Dynamite developed to minimize the costs of crushing, and of those associated with carrying out secondary blasting in areas of medium to hard rock, by providing good fragmentation of the rock mass. It is ideal for charges in drillholes in difficult fractured ground thanks to its excellent sympathetic detonation characteristics and its sensitivity, which contribute to reducing the times for handling and loading the explosive.

Recommendations for use:

- Applicable for blasting in medium hard rock.
- Recommended in drillholes for start-up, production and draw cuts.
- To initiate use detonator N° 8 as a minimum.
- Do not open or knead the cartridges.
- For safety considerations during handling and storage consult the EXSA safety sheet.

Technical characteristics

Technical Specifications	Unit	Semexsa 45	Semexsa 65	Semexsa 80
Density	g/cm ³	1.08 ± 3%	1.12 ± 3%	1.18 ± 3%
Detonation velocity*	m/s	3,800 ± 200	4,200 ± 200	4,500 ± 200
Detonation pressure*	kbar	87	94	125
Energy**	KJ/kg	3,060	3,130	3,230
RWS**	%	83	85	87
RBS**	%	109	116	126
Water resistance		Good	Good	Excellent
Fume category		1st	1st	1st

* Unconfined in 30 mm diameter tin tube.

** Calculated with TERMODET simulation programs.

Presentation and packaging

Explosive mass cartridged in kraft paper, arranged in plastic bags, packed in corrugated cardboard boxes.

Net weight	25 kg			
Gross weight	26.3 kg			
Box Dimensions Ext.	Ext. 35 x 45 x 28 cm			
Material	Corrugated cardboard box			
Product	Dimension (in)		Quantity / case	Mass g/UN
SEMEXSA 45	1 1/8	12	122	205
SEMEXSA 65	1 1/2	12	68	368
SEMEXSA 65	7/8	7	308	81
SEMEXSA 80	1 1/8	8	164	152

For further details about product presentations, please contact an EXSA representative.

Storage and Warranty

Kept in its original packaging and stored under normal temperature and moisture conditions, in accordance with applicable laws and provisions, the product is warranted for 18 months from the manufacturing date.

Transport

CLASS: 1
DIVISION: 1.1 D
N° ONU: 0081



DISCLAIMER

These explosives have been inspected and are in good condition before packaging and/or delivery. They must be stored in a cool, dry and well-ventilated area, handled and transported in accordance with the current legislation. Therefore, since their delivery to the buyers, the manufacturer is not liable for its safety or for the achievement of the desired results, be they explicit or implicit. The entire risk and responsibility, whatever their nature, from accidents, losses, damage to property or persons (including death), whether direct, indirect, special and / or consequential or of any other type derived from the use of these explosives is the buyers from the delivery thereof.