

SEMEXSA-E

High performance wax paper cartridge emulsion, ideal, thanks to its good brisance, to work in difficult charge boreholes. Its plasticity allows good coupling and excellent water resistance, allowing its use in submerged boreholes.

Recommendations for use:

- To initiate, use a N°8 detonator at least.
- Do not open or roll the cartridges.
- Avoid any gaps between cartridges when charging and tamping.
- For safety handling and storage considerations, see Exsa safety sheet.

Technical Characteristics

Technical Specifications	Units	Semexsa-E 65	Semexsa-E 80
Density	g/cm ³	1.12 ± 3%	1.14 ± 3%
Detonation velocity *	m/s	5,100 ± 200	4,800 ± 200
Detonation pressure **	kbar	81	89
Energy**	KJ/kg	3,640	4,000
RWS **	%	98	108
RBS **	%	134	156
Water resistance		Excellent	Excellent
Fume category		1 era	1 era

* Unconfined, in 30 mm-diameter tin tube.

** Calculated with TERMODET simulation program.

Presentation and Packaging

Kraft paper cartridges in plastic bags, packed in corrugated cardboard boxes.

Net Weight	Net Weight		
Gross Weight	Gross Weight		
Box Dimensions	Ext. 35 x 45 x 28 cm		
*For 7/8-diameter cartridges	*Ext. 30 x 58.8 x 23 cm		
Material	Corrugated cardboard box		
Product	Inches	UN/Box	Mass g/UN
SEMEXSA-E65	1 ½ 8	96	260
SEMEXSA-E65	1 1/8 8	172	145
SEMEXSA-E65	7/8 7	316	79
SEMEXSA-E80	1 1/8 8	168	149
SEMEXSA-E80	7/8 7	316	79

Variations in the number and weight of the cartridges in the box may occur to keep the standard of 25 kg/box.

Ask Exsa for other cartridge formats.

DISCLAIMER OF LIABILITY

These explosives have been inspected and found to be in good condition prior to packaging and/or delivery thereof. These explosives must be stored in a cool, dry and well-ventilated place, and be handled and transported in accordance with applicable laws.

Accordingly, as from being delivered to the purchasers, the manufacturer shall not be liable for the safety of these explosives or for obtaining any results sought, whether express or implied. As from the delivery of these explosives, the purchasers thereof shall be liable for any and all risks and liability, regardless of their nature, for any accidents, losses, property or personal damages (including death), whether direct, indirect, special and/or consequential or of any other nature arising from the use of these explosives.

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.

Transportation

CLASS: 1
DIVISION: 1.1 D
N°ONU: 0241

