

EMULINIT 2 - Packaged Emulsion Explosive

DESCRIPTION

Emulinit 2 is a multi purpose detonator sensitive emulsion explosive for a variety of ground conditions. Sensitised with glass microspheres and packaged in robust PE film cartridges, Emulinit is suitable for open cast and underground blasting operations.

APPLICATION

Emulinit 2 has excellent water resistant characteristics making it suitable for wet holes as a column charge or a booster for non detonator sensitive explosives. Firm, non-gassed cartridges makes Emulinit ideal for manual or pneumatic loading. Not to be used in hazardous environments where flammable gasses and dust are present.



RECOMMENDATIONS

Products for reliable initiation:
Detonators with a minimum 0.6g PETN/RDX base charge.

- DTH Non Electric Detonators
- Electric Detonators
- Electronic & Seismic Detonators
- Detonating Cord \geq 12g/m

PRODUCT CLASSIFICATION

Shipping Name	EXPLOSIVE, BLASTING, TYPE E
UN #	0241
Classification	1.1D
CE Certificate	EXP.04.0015
Notified Body	0080

SAFETY & STORAGE

Explosives should be handled by trained, authorised persons only. Avoid damage to any part of the component and ensure care is taken to protected from extreme impacts, friction & heat sources. "DO NOT" attempt to de-construct products which may cause premature detonation.

Emulsion explosives should be kept separate from detonators & initiation articles in a cool, dry, well ventilated licensed magazine when not in use. Stored in typical conditions, Emulinit has a 6 month guaranteed product warranty from the date of manufacture. Stocks should be frequently rotated in order to use the older products before the new.

Diameter	Length	Cartridge	Box Qty	Box NEQ
32mm	300mm	0.3kg	80	24kg
50mm	220mm	0.5kg	50	25kg
80mm	450mm	3kg	8	24kg
90mm	550mm	4kg	6	24kg
100mm	450mm	4kg	6	24kg
Box Dimensions (LxWxH): 56cm x 37cm x 17cm				

TECHNICAL

VOD	4700 m/s (40mm PE Cartridge)
VOD minimum	4000 m/s
Oxygen Balance	8.65%
Heat of Explosion	2746 kJ/kg
Gas Volume	854 L/kg
Specific Energy	712 kJ/kg
Density	1.25 g/cm ³
Trazul Test	280cm ³ (average)
Relative Weight Strength	51 (% RDX)
Energy Concentration	3460 kg/L
Storage Temperature	10°C to 30°C
Usage Temperature	- 20°C to 50°C

*Measurements provided are nominal and may differ, further information regarding tolerances are available on request.

office@brexco.co.uk +44 (0) 1134 680 680 www.brexco.co.uk

BREXCO LTD | 4230 Park Approach | Thorpe Park | Leeds | LS15 8GB | UK

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