SEISMIC · EMULSION EXPLOSIVE

Neo Gel-90 CPT

TECHNICAL DATASHEET

Neo Gel-90 CPT is a seismic emulsion explosive used for seismic exploration operations. It is a high-strength explosive with high velocity of detonation (VOD) and excellent water resistance, supplied in couplable tubes for ease of handling and reliable field deployment.



1.2 ± 0.05 g/cc	5,000 m/s	58	915
NOMINAL DENSITY	VELOCITY OF DETONATION	HYDROSTATIC HEAD	PESO BRAND ID

TECHNICAL DETAILS

Diameter (mm)	Weight (g)	No. of Cartridges per Box
50	500	50
50	1,000	25
63	500	50
63	1,000	25
76	1,000	25
76	2,500	10

Shipping name: Explosives · Class / Div.: 1.1D · UN No.: 0241

APPLICATION

- Seismic explosive used for seismic exploration operations.
- Product density is engineered to ensure the cartridge sinks in water, enabling effective placement in water-filled shot holes.

ADVANTAGES

- High-strength explosive with high velocity of detonation (VOD) and excellent water resistance.
- Supplied in couplable tubes for ease of handling and reliable field deployment.

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HOW TO USE

- Initiation is carried out using a No. 8 strength seismic detonator.
- Maximum sleeping time is approximately 8 weeks, subject to site conditions.

PACKAGING

- Cartridges are packed in plastic tubes and further packed in 25 kg corrugated boxes.

TRANSPORT

Transport Classification	Class	UN Number
Standard Packaging	1.1D	UN 0241

PRODUCT DISCLAIMER

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Explosive Products must only be handled, transported, and used by personnel who are properly trained, certified, and authorized to work with such materials. Users are responsible for assessing site-specific conditions, verifying regulatory requirements, and ensuring that all procedures align with applicable safety standards and legal obligations.

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