2.875 In Dominator™ HMX 15.7 G Shaped Charge

Part No.: 101414743
CE Certificate No.: CE0519, ENB/B/036
DOT EX No.: EX1996080028

Technical Drawing

1. Case
2. Liner
3. Explosive, booster
4. Explosive, main
5. Glue ring

Technical Information

APPLICATION:
Shaped charge for oilfield use

PERFORATING SYSTEM
SPECIFICATION (w/cold drawn steel):
- Diameter: 2.875 inch (73 mm) OD
- Collapse rating: 22,000 psi (1,517 bar)
- Tensile rating: 142,000 lb (64,410 kg)

EXPLOSIVES:
Booster: Pure HMX, 1g
Main load: Desensitized HMX, 14.7 g
Density: > 1.5 g/cm³

TEMPERATURE LIMITS:
400 F / 204 C 1 h
338 F / 170 C 24 h
310 F / 154 C 100 h

PERFORMANCE:
Manufacturing quality control data:
- Hole Diameter: 0.27 in (6.86 mm)
- Penetration: 30.0 in (762 mm)

SHELF LIFE:
10 years when stored unopened in original packaging. Storage temperature: 0 C / 32 F min 54 C / 130 F max

DISPOSAL:
Dispose of product not suitable for oilfield use according to applicable laws and regulations.

Quantity per box: 50 pieces
Gross weight per box: 11.53 kg (25.4 lb)
Net weight per box: 9.40 kg (20.72 lb)
NEC per box: 0.7850 kg
Box dim: 45.7 x 30.5 x 12.7 cm
18 x 12 x 5 in
Package type: Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box.

Product Designation: HES-APRV-004

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