4.625 In DP HMX 15 Gram Shaped Charge

Part No. 100157005
CE Certificate No.: CE0519, ENB/B/036
DOT EX No. EX1996080028

ROPER SHIPPING NAME
UN0440, CHARGES, SHAPED, 1.4D, PGII

Technical Drawing

Technical Information

APPLICATION:
Shaped charge for oilfield use

PERFORATING SYSTEM
SPECIFICATION : (w/cold finished steel)
- Diameter: 4.625 inch (117.5 mm) OD
- Collapse rating: 20,000 psi (1,379 bar)
- Tensile rating: 414,000 lb (187,787 kg)

EXPLOSIVES:
Booster: Pure HMX, 1.5g
Main load: Desensitized HMX, 13.5 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: 0.38 in (9.65 mm)
- Penetration: 12.39 in (314.7 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.

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Packing Information

Quantity per box: 50 pieces
Gross weight per box: 9.94 kg (21.9 lb)
Net weight per box: 7.72 kg (17 lb)
NEC per box: 0.7500 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