4.62 in. HNS, DP, 32 Gram Shaped Charge

Part No.: 101332806

CE Certificate No.: CE0519, ENB/B/040

DOT EX No.: EX1996080028

PROPER SHIPPING NAME

UN0440, CHARGES, SHAPED, 1.4D, PG II

Technical Drawing

Technical Information

APPLICATION:
Shaped charge for oilfield use

PERFORATING SYSTEM
SPECIFICATION (w/ cold drawn steel):
- Diameter: 4.62 inch (117.3 mm) OD
- Collapse rating: 16,000 psi (1,103 bar)
- Tensile rating: 385,000 lbs (174,633 kg)

EXPLOSIVES:
Booster: Pure HMX, 0.5g
Main load: Desensitized HMX, 31.5 g
Density: > 1.5 g/cm³

TEMPERATURE LIMITS:
500 F / 260 C 1 h
475 F / 246 C 24 h
460 F / 237 C 100 h

PERFORMANCE:
Manufacturing quality control data:
- Hole Diameter: .46 in (11.68 mm)
- Penetration: 30.06 in (763.5 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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