1.562 in Millennium™ Super DP HMX, 3.65 G, w/External Groove Shaped Charge

Part No.: 100157028
CE Certificate No.: CE0519, ENB/B/036
DOT EX No.: EX1996080028

PROPER SHIPPING NAME
UN0440, CHARGES, SHAPED, 1.4D, PG II

Technical Drawing

APPLICATION:
Shaped charge for oilfield use

PERFORATING SYSTEM
SPECIFICATION (Strip Carrier):
- Diameter: 1.56 inch (39.6 mm) OD
- Collapse rating: 20,000 psi (1379 bar)
- Tensile rating: N/A

EXPLOSIVES:
Booster: Pure HMX, 0.25 g
Main load: Desensitized HMX, 3.4 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:
Registered API 19B Section 1 data:
- Hole Diameter: 0.23 in (7.62 mm)
- Penetration: 8.3 in (523.2 mm)
 Manufacturing quality control data:
- Hole Diameter: 0.20 in (9.9 mm)
- Penetration: 9.50 in (702 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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