2.875 in. HMX Millennium™, 17.5g Shaped Charge

Part No.: 101388406
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 (w/ cold drawn steel):
- Diameter: 2.875 inch (73.15 mm) OD
- Collapse rating: 20,000 psi (1,379 bar)
- Tensile rating: 142,700 lbs (64.737 kg)

EXPLOSIVES:
Booster: Pure HMX, 1g
Main load: Desensitized HMX, 16.5 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: 27.2 in (691 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.

D00307781 Rev. D

Jet Research Center, a division of Halliburton Energy Services, Inc.
8432 South I-35W
Alvarado, Texas 76009-9775
USA
Tel.: +1 817.761.2000