2.875 in. G-FORCE® HMX DP 11.1 G Shaped Charge

Part No.: 101571815
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 mm) OD
- Collapse rating: 22,000 psi (1,517 bar)
- Tensile rating: 141,000 lbs (63,956 kg)

EXPLOSIVES:
Booster: Pure HMX, 1g
Main load: Desensitized HMX, 10.1 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: .35 in (8.89 mm)
- Penetration: 20.6 in (523 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.

Technical Information

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

Packing Information
Quantity per box: 50 pieces
Gross weight per box: 10.12 kg (22.32 lb)
Net weight per box: 8.16 kg (18 lb)
NEC per box: 0.555 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

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