4.625 in. Big Hole HMX 25 Gram Shaped Charge

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

Technical Information

APPLICATION:
Shaped charge for oilfield use

PERFORATING SYSTEM
SPECIFICATION (w/ cold drawn steel):
- Diameter: 4.625 inch (117.5 mm) OD
- Collapse rating: 16,000 psi (1,103 bar)
- Tensile rating: 385,000 lbs (174,633 kg)

EXPLOSIVES:
Booster: Pure HMX, 2g
Main load: Desensitized HMX, 23 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: .80 in (20.32 mm)
- Penetration: 7.03 in (178.6 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.