3.375 in. 6 SPF Millennium® HNS Shaped Charge

Part No.: 101365876

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/hot finish steel)
- Diameter: 3.375 inch (85.85 mm) OD
- Collapse rating: 20,000 psi (1,379 bar)
- Tensile rating: 218,000 lb (98,883 kg)

EXPLOSIVES:
Booster: Pure HNS, .5g
Main load: Desensitized HNS, 24.5 g
Density: > 1.5 g/cm³

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

PERFORMANCE:
Registered API 19B Section 1 data:
- Hole Diameter: 0.30 in (7.62 mm)
- Penetration: 22.1 in (561.34 mm)
Manufacturing quality control data:
- Hole Diameter: 0.36 in (9.14 mm)
- Penetration: 33.53 in (851.7 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.

Packing Information
Quantity per box: 50 pieces
Gross weight per box: 17.46 kg (38.5 lb)
Net weight per box: 15.06 kg (33.2 lb)
NEC per box: 1.25000 kg
Box dim: 45.7 x 30.5 x 16.5 cm
18 x 12 x 6.5 in
Package type: Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box.

Product Designation: HES-APRV-004

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Rev. B