3-3/8 in RDX SDP Shaped Charge

Part No. | UN No. | Class | DOT EX No. | CE Certificate No.
---|---|---|---|---
100008014 | UN0441 | 1.4S | EX1996080028 | ENB/B/035/07

PROPER SHIPPING NAME | CHARGES, SHAPED

Technical Drawing

Diagram of the shaped charge with labels:
1. Case
2. Liner
3. Explosive, booster
4. Explosive, main
5. Paint
6. Glue ring

Technical Information

APPLICATION:
Shaped charge for oilfield use

PERFORATING SYSTEM
SPECIFICATION (cold drawn steel):
- Diameter: 3-3/8 inch (85.73 mm) OD
- Collapse rating: 25,000 psi (1,724 bar)
- Tensile rating: 238,000 lb (107,955 kg)

EXPLOSIVES:
- Booster: Pure RDX, 1g
- Main load: Desensitized RDX, 23 g
- Density: > 1.5 g/cm³

TEMPERATURE LIMITS:
- 325 F / 162 C for 1 hour
- 260 F / 125 C for 24 hours
- 225 F / 107 C for 100 hours

PERFORMANCE:
- Registered API 19B Section 1 data:
  - Hole Diameter: N/A
  - Penetration: N/A
- Manufacturing quality control data:
  - Hole Diameter: 0.445 in (11.30 mm)
  - Penetration: 33.63 in (854.2 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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