### 390 MaxForce® FLOW, ZINC-HMX Shaped Charge

<table>
<thead>
<tr>
<th>Part No.: 102528007</th>
<th>PROPER SHIPPING NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE Certificate No.: N/A</td>
<td>UN0440, CHARGES, SHAPED, 1.4D, PG II</td>
</tr>
<tr>
<td>DOT EX No.: EX2009050356</td>
<td>DOT EX No.: EX2009050356</td>
</tr>
</tbody>
</table>

#### Technical Drawing
![Technical Drawing](image)

#### Technical Information

**APPLICATION:**
- Shaped charge for oilfield use

**EXPLOSIVES:**
- Booster: Pure HMX, 0.25g
- Main load: Desensitized HMX, 38.75 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: 0.95 in (24.1 mm)
  - Penetration: 7.4 in (188 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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### Packing Information

<table>
<thead>
<tr>
<th>Quantity per box:</th>
<th>30 pieces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross weight per box:</td>
<td>13.03 kg (28.7 lb.)</td>
</tr>
<tr>
<td>Net weight per box:</td>
<td>10.75 kg (23.7 lb.)</td>
</tr>
<tr>
<td>NEC per box:</td>
<td>1.1700 kg</td>
</tr>
<tr>
<td>Box dim:</td>
<td>45.7 x 30.5 x 16.5 cm</td>
</tr>
<tr>
<td></td>
<td>18 x 12 x 6.5 in</td>
</tr>
</tbody>
</table>

- Package type: Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box with conical cavities facing inward.

- Product Designation: BH-HMX-039