# 7 In. HMX, BH 39 Gram Shaped Charge

**Part No.:** 102351458  
**CE Certificate No.:** N/A  
**DOT EX No.:** EX2009050356

## Technical Drawing

![Technical Drawing](image)

## Technical Information

**APPLICATION:**  
Shaped charge for oilfield use

**PERFORATING SYSTEM SPECIFICATION**  
- Diameter: 7 inch (177.8 mm) OD

**EXPLOSIVES:**  
- Booster: Pure HMX, 1g ± 0.05g  
- Main load: Desensitized HMX, 38 g ± 0.1g  
- Density: > 1.5 g/cm³

**TEMPERATURE LIMITS:**  
- 400 F / 204 C  
- 338 F / 170 C  
- 310 F / 154 C

**PERFORMANCE:**  
- Hole Diameter: 1.18 in (29.97 mm)  
- Penetration: 6.0 in (152 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>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity per box</td>
<td>30 pieces</td>
</tr>
<tr>
<td>Gross weight per box</td>
<td>8.53 kg (18.8 lb)</td>
</tr>
<tr>
<td>Net weight per box</td>
<td>6.35 kg (14 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 12.7 cm</td>
</tr>
<tr>
<td></td>
<td>18 x 12 x 5 in</td>
</tr>
<tr>
<td>Package type</td>
<td>Trays with desiccant enclosed by vacuum bag, then placed inside fibreboard box with conical cavities facing inward.</td>
</tr>
<tr>
<td>Product Designation</td>
<td>BH-HMX-039</td>
</tr>
</tbody>
</table>

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