## Description

**Product Description**
DuPont™ Elvaloy® HP441 is an ethylene terpolymer, which is most commonly used as a modifier for a variety of other polymers.

\[ E/nBA/CO = \text{ethylene/n-butyl acrylate/carbon monoxide} \]

## Typical Characteristics

**Characteristics / Benefits**
- Glass Transition Temperature: \(-54^\circ C\) via ASTM D5418 loss modulus peak at 1 hz
- Tensile Elongation @ Break: \(1213\%\) via ASTM D638 / ISO 527-2
- Tensile Strength @ Break: \(3.4\) MPa (493 psi) via ASTM D638 / ISO 527-2
- Durometer Hardness (Shore A): \(59\) via ASTM 2240 / ISO 868

**Applications**
- Non-migratory plasticizer, and/or flex modifier for a variety of other polymers.

## Typical Properties

<table>
<thead>
<tr>
<th>Physical</th>
<th>Nominal Values</th>
<th>Test Method(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density ()</td>
<td>0.98 g/cm³</td>
<td>ASTM D792, ISO 1183</td>
</tr>
<tr>
<td>Melt Flow Rate (190°C/2.16kg)</td>
<td>8 g/10 min</td>
<td>ASTM D1238, ISO 1133</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Thermal</th>
<th>Nominal Values</th>
<th>Test Method(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting Point (DSC)</td>
<td>59°C (138°F)</td>
<td>ASTM D3418, ISO 3146</td>
</tr>
</tbody>
</table>

## Processing Information

**General**
- Maximum Processing Temperature: \(235^\circ C\) (455°F)

## Regulatory Information

For information on regulatory compliance within or outside of the U.S., consult your local DuPont representative.

## Safety & Handling

For information on appropriate Handling & Storage of this polymeric resin, please refer to the Material Safety Data Sheet.

A Product Safety Bulletin, Material Safety Data Sheet, and/or more detailed information on extrusion processing and/or compounding of this polymeric resin for specific applications are available from your DuPont Packaging and Industrial Polymers representative.

*Read and Understand the Material Safety Data Sheet (MSDS) before using this product*
Regional Centres

DuPont operates in more than 70 countries. For help finding a local representative, please contact one of the following regional customer contact centers:

**Americas**
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