### Description

**Product Description**
Elvaloy® AC 2116 is a copolymer of ethylene and ethyl acrylate. It is available in pellet form for use in conventional extrusion equipment designed to process polyethylene type resins.

### Restrictions

**Material Status**
- Commercial: Active

### Typical Characteristics

**Composition**
- 16 % By Weight Ethyl Acrylate comonomer content

### 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>0.93 g/cm³</td>
<td>ASTM D792 ISO 1183</td>
</tr>
<tr>
<td>Melt Flow Rate (190°C/2.16kg)</td>
<td>1 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>96°C (205°F)</td>
<td>ASTM D3418 ISO 3146</td>
</tr>
<tr>
<td>Vicat Softening Point ()</td>
<td>60°C (140°F)</td>
<td>ASTM D1525 ISO 306</td>
</tr>
</tbody>
</table>

### Processing Information

**General**
- Maximum Processing Temperature | 310°C (590°F)

**Blown Film Processing**
- Feed Zone | 135°C (275°F)
- Second Zone | 160°C (320°F)
- Third Zone | 185°C (365°F)
- Fourth Zone | 185°C (365°F)

A suggested extrusion set temperature profile is shown below.
Fifth Zone 185°C (365°F)
Adapter Zone 185°C (365°F)
Die Zone 185°C (365°F)

FDA Status Information
ELVALOY® AC 2116 Acrylate Copolymer Resin complies with Food and Drug Administration Regulation 21 CFR 177.1320(a) - Ethylene-ethyl acrylate copolymer resins, subject to the limitations and requirements therein. This Regulation describes polymers that may be used in contact with food, except for holding food during cooking, subject to the blend and finished food-contact article meeting the extractive limitations, as shown in paragraph (c)(2) of the Regulation. This resin must be blended with polyethylene or with one or more olefin polymers complying with Food and Drug Administration Regulation 21 CFR 177.1520, or used in a coating complying with 21 CFR 175.300 or 21 CFR 176.170 in such proportions that the ethyl acrylate content of the blend or finished coating does not exceed 8 percent by weight, in accordance with paragraph (b) of 21 CFR 177.1320.

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Regulatory Information
For information on regulatory compliance 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

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