**DuPont™ Elvaloy® 4924**

**Elvaloy® resins Product Data Sheet**

### Description

**Product Description**
DuPont™ Elvaloy® 4924 is an ethylene/vinyl acetate/carbon monoxide (E/VA/CO) copolymer.

### Restrictions

**Material Status**
- Commercial: Active

**Other Restrictions**
DuPont recommends to consume the product within 18 months after date of production. See CoA (Certificate of Analysis) supplied with the resin to confirm date of manufacture. If no CoA is available, contact your DuPont representative to determine the date of manufacture based on the production batch or lot number.

### Typical Characteristics

**Uses**
- Polymer Modifier

**Features**
Permanent, non-migrating PVC modifier. CPVC, TPU modifier.

**Characteristics / Benefits**
Elvaloy® 4924 copolymer deliver toughness and flexibility that is locked in to PVC. Elvaloy® 4924 copolymer will not migrate like liquid plasticizers.

**Applications**
Elvaloy® 4924 is a high molecular weight copolymer often used as a non-migrating, permanent PVC plastizer in roofing, geo-membranes, and other applications needing flexible pvc.

<table>
<thead>
<tr>
<th>Property</th>
<th>Typical Value</th>
<th>Units</th>
<th>ASTM Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elongation at Break</td>
<td>736</td>
<td>%</td>
<td>D638</td>
</tr>
<tr>
<td>Tg</td>
<td>-36</td>
<td>°C</td>
<td>D3418</td>
</tr>
<tr>
<td>Molecular Wt. Distr.</td>
<td>Normal</td>
<td></td>
<td>D3593</td>
</tr>
</tbody>
</table>

### Typical Properties

**Physical**
- **Density ()**
  - Nominal Values: 1.0 g/cm³
  - Test Method(s): ASTM D792, ISO 1183
- **Melt Flow Rate (190°C/2.16kg)**
  - Nominal Values: 15 g/10 min
  - Test Method(s): ASTM D1238, ISO 1133

**Thermal**
- **Melting Point (DSC)**
  - Nominal Values: 70°C (158°F)
  - Test Method(s): ASTM D3418, ISO 3146

### Processing Information

**General**
- **Maximum Processing Temperature**
  - 240°C (464°F)
ELVALOY® 4924 resin complies with Food and Drug Administration Regulation 21 CFR 175.105 - Adhesives. This Regulation describes adhesives that may be used as components of articles intended for use in packaging, transporting, or holding food, subject to the limitations and requirements therein.

The information and certifications provided herein are based on data we believe to be reliable, to the best of our knowledge. The information and certifications apply only to the specific material designated herein as sold by DuPont and do not apply to use in any process or in combination with any other material. They are provided at the request of and without charge to our customers. Accordingly, DuPont cannot guarantee or warrant such certifications or information and assumes no liability for their use.

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

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**
DuPont Company
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974 Centre Road
Wilmington, Delaware
19805 U.S.A.
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