**DuPont Packaging & Industrial Polymers**

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**DuPont™ Elvax® CE9619-1**

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**Elvax® resins Product Data Sheet**

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### Description

**Product Description**

DuPont™ Elvax® CE9619-1 is an extrudable ethylene-vinyl acetate copolymer resin concentrate designed to modify the surface properties of films or coatings of Elvax® Resins or other compatible polymers. This is a concentrated masterbatch product and is designed to be blended with the resin to be modified. This concentrate contains 20 wt.% antiblock and 7 wt.% slip additives. It is available in pellet form for use in conventional extrusion equipment designed to process polyethylene resins.

### Restrictions

**Material Status**

- Commercial: Active

**Availability**

- Globally

### Typical Characteristics

**Uses**

- Compounding

**Composition**

- 73 % By Weight of an 18 % By Weight Vinyl Acetate comonomer content resin
- 20 % By Weight Inorganic antiblock agent
- 7 % By Weight Amide based slip agent

**Features**

This is a concentrated masterbatch product and is designed to be blended with the resin to be modified.

**Applications**

This resin is designed to modify the surface properties of films or coatings of Elvax® Resins or other compatible polymers.

### Typical Properties

#### Physical

<table>
<thead>
<tr>
<th>Property</th>
<th>Nominal Values</th>
<th>Test Method(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density (g/cm³)</td>
<td>1.06</td>
<td>ASTM D792, ISO 1183</td>
</tr>
<tr>
<td>Melt Flow Rate (190°C/2.16kg)</td>
<td>3.8 g/10 min</td>
<td>ASTM D1238, ISO 1133</td>
</tr>
</tbody>
</table>

#### Thermal

<table>
<thead>
<tr>
<th>Property</th>
<th>Nominal Values</th>
<th>Test Method(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting Point (DSC)</td>
<td>87°C (189°F)</td>
<td>ASTM D3418, ISO 3146</td>
</tr>
</tbody>
</table>

### Processing Information

**General**

- Maximum Processing Temperature: 230°C (446°F)

General Processing Information:

Elvax® resins can be used in conventional extrusion equipment designed to process polyethylene resins. However, corrosion-protected barrels, screws,
adapters, and dies are recommended, since, at sustained melt temperatures above 230°C (446°F) ethylene-vinyl acetate (EVA) resins may thermally degrade and release corrosive by-products.

**FDA Status Information**

ELVAX® CE9619-1 EVA Resin Concentrate is designed to modify the surface properties of films or coatings of ELVAX® Resins or other compatible polymers. This is a concentrated masterbatch product and is designed to be blended with the resin to be modified.

ELVAX® CE9619-1 EVA Resin Concentrate complies with Food and Drug Administration Regulation 21 CFR 177.1350(a)(1) - Ethylene-vinyl acetate copolymers, subject to the limitations and requirements therein. This Regulation describes polymers that may be used in contact with food, subject to the finished food-contact article meeting the extractive limitations under the intended conditions of use, as shown in paragraph (b)(1) of the Regulation.

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.

**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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**Americas**
DuPont Company
Chestnut Run Plaza – Bldg. 730
974 Centre Road
Wilmington, Delaware
19805 U.S.A.
Toll-Free (USA): 1-800-628-6208
Telephone: 1-302-774-1000
Fax: 1-302-355-4013

DuPont do Brasil, S.A.
Alameda Itapecuru, 506
06454-080 Barueri, SP Brasil
Telephone: +55 11 4166 8000
Fax: +55 11 4166 8736

**Asia Pacific**
DuPont China Holding Co., Ltd.
Shanghai Branch
399 Keyuan Road, Bldg. 11
Zhangjiang Hi-Tech Park
Pudong New District, Shanghai
P.R. China (Postcode: 201203)
Telephone +86 21 3862 2888
Fax +86-21-3862-2889

**Europe / Middle East / Africa**
DuPont de Nemours Int’l S.A.
2, Chemin du Pavillon Box 50
CH-1218 Le Grand Saconnex
Geneva, Switzerland
Telephone +41 22 717 51 11
Fax +41 22 717 55 00

**http://elvax.dupont.com**
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