

## DuPont™ Elvax® 350

## Elvax® resins Product Data Sheet

## Description

Product Description DuPont™ Elvax® 350 is an ethylene-vinyl acetate copolymer resin for use in industrial applications.

## Restrictions

Material Status • Commercial: Active

Availability • Globally

## Typical Characteristics

Composition 25 % By Weight Vinyl Acetate comonomer content  
Thermal Stabilizer: BHT antioxidant

Applications Elvax® resins can be used in a variety of applications involving molding, compounding, extrusion, adhesives, sealants, and wax blends. For additional information and properties associated with specific applications, please refer to the Grade Selector Guides found on the Elvax® website for industrial applications.  
[http://www2.dupont.com/Elvax/en\\_US/tech\\_info/index.html](http://www2.dupont.com/Elvax/en_US/tech_info/index.html)

## Typical Properties

| Physical                        | Nominal Values          | Test Method(s) |          |
|---------------------------------|-------------------------|----------------|----------|
| * Density ( )                   | 0.948 g/cm <sup>3</sup> | ASTM D792      | ISO 1183 |
| * Melt Flow Rate (190°C/2.16kg) | 19 g/10 min             | ASTM D1238     | ISO 1133 |
| Thermal                         | Nominal Values          | Test Method(s) |          |
| * Melting Point (DSC)           | 74°C (165°F)            | ASTM D3418     | ISO 3146 |
| Vicat Softening Point ( )       | 46°C (115°F)            | ASTM D1525     | ISO 306  |

## Processing Information

## General

\* Maximum Processing Temperature 230°C (446°F)

General Processing Information Elvax® resins can be processed by conventional thermoplastic processing techniques, including injection molding, structural foam molding, sheet and shape extrusion, blow molding and wire coating. They can also be processed using conventional rubber processing techniques such as Banbury, two-roll milling and compression molding.

Elvax 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 446°F

(230°C), ethylene vinyl acetate (EVA) resins may thermally degrade and release corrosive by-products.

#### FDA Status Information

ELVAX® 350 EVA Resin 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.

#### Safety & Handling

A Product Safety Bulletin, Material Safety Data Sheet, and more detailed information on compounding and processing Elvax® resins 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, BMP26-2215  
Lancaster Pike & Route 141  
Wilmington, DE 19805 U.S.A.  
Telephone +1 302-774-1161  
Toll-free (USA) 800-628-6208 (prompt 6)  
Fax +1-302-355-4056

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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