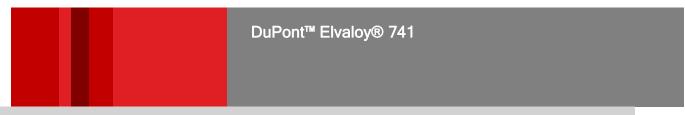
# **DuPont Packaging & Industrial Polymers**





# Elvaloy® resins Product Data Sheet

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**Product Description** DuPont™ Elvaloy® 741 an ethylene/vinyl acetate/carbon monoxide (E/VA/CO)

copolymer.

Restrictions

Material Status Commercial: Active

Availability Globally

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** 

 Polymer Modifier Uses

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

Characteristics / Benefits Elvaloy® 741 copolymer deliver toughness and flexibility that is locked in to PVC.

Elvaloy® 741 copolymer will not migrate like liquid plasticizers.

**ASTM Tes Method** Property Typical Value Units Tensile Strength MPa D638 5.9 Elongation at Break 950 D638 % Hardness (Durometer) 70 Shore A D2240 °C D3418 -32 Molecular Wt. Distr. Normal D3593

Applications Elvaloy® 741 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.

# **Typical Properties**

**Physical Nominal Values** Test Method(s) Density () 1 g/cm<sup>3</sup> ASTM D792 ISO 1183 \* Melt Flow Rate (190°C/2.16kg) 35 g/10 min **ASTM D1238** ISO 1133

Test Method(s) Thermal **Nominal Values** 

\* Melting Point (DSC) 66°C (151°F) **ASTM D3418** ISO 3146

### **Processing Information**

General

Maximum Processing Temperature 240°C (464°F)

#### **FDA Status Information**

DuPont™ ELVALOY® 741 Resin Modifier 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.

#### 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

## **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 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**

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http://elvaloy.dupont.com

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This data sheet is effective as of 04/23/2008 10:33:18 AM and supersedes all previous versions.