DuPont™ Elvaloy® 742 is an ethylene/vinyl acetate/carbon monoxide (E/VA/CO) copolymer designed for polymer modification.

Material Status
- Commercial: Active
- Globally

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.

Elvaloy® 742 copolymer deliver toughness and flexibility that is locked in to PVC. Elvaloy® 742 copolymer will not migrate like liquid plasticizers.

**Property** | **Typical Value** | **Units** | **ASTM Test Method**
---|---|---|---
Tensile Strength | 4.2 | MPa | D638
Elongation at Break | 1200 | % | D638
Hardness (Durometer) | 55 | Shore A | D2240
Tg | -32 | °C | D3418
Molecular Wt. Distr. | Normal | | D3593

**Applications**
PVC Modification

**Typical Physical Properties**
- **Density ():** 1.02 g/cm³
- **Melt Flow Rate (190°C/2.16kg):** 35 g/10 min

**Typical Thermal Properties**
- **Melting Point (DSC):** 45°C (113°F)

**Maximum Processing Temperature:** 240°C (464°F)
FDA Status Information
DuPont™ ELVALOY® 742 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
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Wilmington, Delaware
19805 U.S.A.
Toll-Free (USA): 1-800-628-6208
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Fax: 1-302-355-4013

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representative. You may also request a copy of DuPont POLICY Regarding Medical Applications H-50103-3 and DuPont CAUTION Regarding Medical Applications H-50102-3.

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This data sheet is effective as of 04/23/2008 03:57:00 PM and supersedes all previous versions.