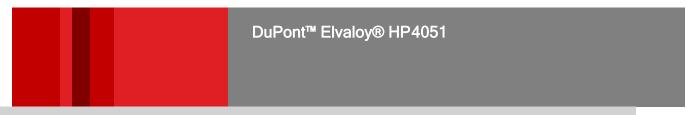
DuPont Packaging & Industrial Polymers





Elvaloy® resins Product Data Sheet

Description	
Product Description	DuPont™ Elvaloy® HP4051 is a ethylene terpolymer, which is most commonly used as a modifier for a variety of other polymers.
	E/nBA/CO = ethylene/n-butyl acrylate/carbon monoxide
Typical Characteristics	
Characteristics / Benefits	Glass Transition Temperature: (-50)C via ASTM D5418 loss modulus peak 1 hz Tensile Elongation @ Break: 1126% via ASTM D638 / ISO 527-2 Tensile Strength @ Break: 6.2 MPa (896 psi) via ASTM D638 / ISO 527-2 Durometer Hardness (Shore A): 69 via ASTM 2240 / ISO 868
Applications	Non-migratory plasticizer, and/or flex modifier for a variety of other polymers. Most commonly used in ABS and PVC.

Typical Properties			
Physical	Nominal Values	Test Meth	od(s)
* Density ()	1.0 g/cm³	ASTM D792	ISO 1183

* Melt Flow Rate (190°C/2.16kg) 12 g/10 min ASTM D1238 ISO 1133

Thermal Nominal Values Test Method(s)

* Melting Point (DSC) 59°C (138°F) ASTM D3418 ISO 3146

Processing Information

General

* Maximum Processing Temperature 235°C (455°F)

Regulatory Information	For information on regulatory compliance within or 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

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

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Europe / Middle East / Africa

DuPont de Nemours Int'1. 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

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This data sheet is effective as of 08/03/2009 01:20:54 PM and supersedes all previous versions.