DuPont Packaging & Industrial Polymers

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DuPont™ Elvaloy® HP661

Elvaloy® resins Product Data Sheet

Description

Product Description	DuPont™ Elvaloy® HP661 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:~ (-54)C via ASTM D5418 loss modulus peak at 1 hz
	Tensile Elongation @ Break:~~~~~ 1050% via ASTM D638 / ISO 527-2
	Tensile Strength @ Break: ~~~~~ 3.4 MPa (493 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.

Typical Properties

Physical	Nominal Values	Test Method(s)	
* Density ()	0.96 g/cm³	ASTM D792	ISO 1183
* Melt Flow Rate (190°C/2.16kg)	12 g/10 min	ASTM D1238	IS0 1133

Thermal	Nominal Values	Test Method(s)	
* Melting Point (DSC)	62°C (144°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 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

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