



## Elvaloy® HP441

DuPont Packaging & Industrial Polymers - Thermoplastic

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### General Information

#### Product Description

DuPont™ Elvaloy® HP441 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

Non-migratory plasticizer, and/or flex modifier for a variety of other polymers.

#### General

Material Status	• Commercial: Active
Availability	• Europe • North America
Uses	• Plastics Modification
Forms	• Pellets
Processing Method	• Calendering • Extrusion • Injection Molding

### ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.982		ASTM D792
Density	0.980	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (190°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	495	psi	ASTM D638
Tensile Elongation (Break)	1200	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	59		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-65.2	°F	ASTM E1356
Melting Temperature (DSC)	138	°F	ISO 3146
Melting Temperature	138	°F	DSC

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.