



## Elvaloy® HP661

### DuPont Packaging & Industrial Polymers - Thermoplastic

Wednesday, November 6, 2019

#### General Information

##### 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

##### General

Material Status	• Commercial: Active
Availability	• Europe • North America
Uses	• Plastics Modification
Forms	• Pellets

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.962		ASTM D792
Density	0.960	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (190°C/2.16 kg)	12	g/10 min	ASTM D1238
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	493	psi	ASTM D638
Tensile Stress (Break)	493	psi	ISO 527-2
Tensile Elongation (Break)	1100	%	ASTM D638
Tensile Strain (Break)	1100	%	ISO 527-2
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	69		ASTM D2240
Shore Hardness	69		ISO 868
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature <sup>2</sup>	-65.2	°F	ASTM E1356
Peak Melting Temperature	144	°F	ASTM D3418
Melting Temperature (DSC)	144	°F	ISO 3146

##### Notes

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

<sup>2</sup> loss modulus peak at 1 hz