

Elvaloy® HP661

Thermoplastic

DuPont Packaging & Industrial Polymers

Message:

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 Information			
Uses	Plastics Modification		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.960	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	12	g/10 min	ASTM D1238, ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			
Shore A	69		ASTM D2240
--	69		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	3.40	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	1100	%	ASTM D638, ISO 527-2
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature ¹	-54.0	°C	ASTM E1356
Peak Melting Temperature	62.0	°C	ASTM D3418, ISO 3146
NOTE			

1. loss modulus peak at 1 hz

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