

Elvaloy® 742

Ethylene Vinyl Acetate Copolymer

DuPont Packaging & Industrial Polymers

Message:

DuPont™ Elvaloy® 742 is an ethylene/vinyl acetate/carbon monoxide (E/VA/CO) copolymer designed for polymer modification.

General Information			
Features	High Molecular Weight		
Uses	Plastics Modification		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	35	g/10 min	ASTM D1238, ISO 1133
Molecular Weight Distribution	Normal		ASTM D3593
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	4.20	MPa	ASTM D638
Tensile Elongation (Break)	1200	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-32.0	°C	ASTM D3418
Peak Melting Temperature	45.0	°C	ASTM D3418, ISO 3146
Injection	Nominal Value	Unit	
Processing (Melt) Temp	< 240	°C	

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