

DuPont Elvaloy® 742 Ethylene/Vinyl Acetate/Carbon Monoxide Copolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Specialized copolymers deliver flexibility, toughness and weatherability to adhesives, plastics, highways and roofing. Availability:

Globally Information provided by DuPont.

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Elvaloy-742-EthyleneVinyl-AcetateCarbon-Monoxide-Copolymer.php

Physical Properties	Metric	English	Comments
Density	1.02 g/cc	0.0368 lb/in ³	ASTM D792 - ISO 1183
Melt Flow	25 - 45 g/10 min @Load 2.16 kg, Temperature 190 °C	25 - 45 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238 - ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	ASTM D2240 - ISO 868
Tensile Strength at Break	4.20 MPa	609 psi	ASTM D638 - ISO 527-2
Elongation at Break	1200 %	1200 %	ASTM D638 - ISO 527-2

Thermal Properties	Metric	English	Comments
Melting Point	45.0 °C	113 °F	ASTM D3418 - ISO 3146
Glass Transition Temp, Tg	-32.0 °C	-25.6 °F	ASTM D3418

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