

DuPont Elvax® 760 Ethylene Vinyl Acetate

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

DuPont™ Elvax® 760 is a low BHT anti-oxidant ethylene-vinyl acetate copolymer resin for use in industrial applications. Applications: Elvax® 760 resins can be used for the following applications: molding, compounding and extrusion; hose and tubing; wire and cable; and adhesives, sealants, and wax blends. Information provided by DuPont™

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Elvax-760-Ethylene-Vinyl-Acetate.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc	0.0336 lb/in³	ASTM D792-ISO 1183, ASTM D1505
Vinyl Acetate Content	9.3 %	9.3 %	
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238, ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	97	97	ASTM D2240-ISO 868
Hardness, Shore D	46	46	ASTM D2240-ISO 868

Thermal Properties	Metric	English	Comments
Melting Point	100 °C	212 °F	ASTM D3417- ISO 3146
Vicat Softening Point	82.0 °C	180 °F	ASTM D1525, ISO 306
Brittleness Temperature	-100 °C	-148 °F	ASTM D746

Descriptive Properties	Value	Comments
Cloud Point in Paraffin Wax, °C	86	10% Elvax® in fully refined paraffin wax, 146 AMP. Incompatible at temperatures up to 177°C.

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