

DuPont Elvax® 150 Ethylene Vinyl Acetate

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

DuPont™ Elvax® 150 is an ethylene-vinyl acetate copolymer resin for use in industrial applications. Applications: Elvax® 150 resins can be used for the following applications: molding, compounding and extrusion; and wire and cable. Information provided by DuPont™

Order this product through the following link:

http://www.lookpolymers.com/polymer_DuPont-Elvax-150-Ethylene-Vinyl-Acetate.php

| Physical Properties | Metric | English | Comments |
|-----------------------|---|---|--------------------------------|
| Density | 0.957 g/cc | 0.0346 lb/in ³ | ASTM D792-ISO 1183, ASTM D1505 |
| Vinyl Acetate Content | 32 % | 32 % | |
| Melt Flow | 43 g/10 min @Load 2.16 kg, Temperature 190 °C | 43 g/10 min @Load 4.76 lb, Temperature 374 °F | ASTM D1238, ISO 1133 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|--------|---------|--------------------|
| Hardness, Shore A | 73 | 73 | ASTM D2240-ISO 868 |
| Hardness, Shore D | 24 | 24 | ASTM D2240-ISO 868 |

| Thermal Properties | Metric | English | Comments |
|-----------------------------|---------|---------|---------------------|
| Melting Point | 63.0 °C | 145 °F | ASTM D3417 |
| Vicat Softening Point | 36.0 °C | 96.8 °F | ASTM D1525, ISO 306 |
| Brittleness Temperature | -100 °C | -148 °F | ASTM D746 |
| Ring & Ball Softening Point | 110 °C | 230 °F | ASTM E28 |

| Descriptive Properties | Value | Comments |
|---------------------------------|-------|--|
| Cloud Point in Paraffin Wax, °C | 102 | 10% Elvax® in fully refined paraffin wax, 146 AMP. Incompatible at temperatures up to 177°C. |

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