

ExxonMobil Escorene® LD-724 High EVA Compounding Resin (discontinued **)

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Film Grade

Material Notes:

Data provided by the manufacturer, Exxon Chemical. A high vinyl acetate copolymer resin for specialty compounding applications.

Outstanding heat sealability along with excellent strength properties are key attributes of films made from LD-724. Applications: Wax blends; Hot melt adhesives; Compounding.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-724-High-EVA-Compounding-Resin-nbspdiscontinued-.php

| Physical Properties | Metric | English | Comments |
|---------------------------------------|--------------|---------------------------|------------------------------|
| Density | 0.935 g/cc | 0.0338 lb/in ³ | Exxon Method |
| Environmental Stress Crack Resistance | >= 500 hour | >= 500 hour | F50, Condition A; ASTM D1693 |
| Melt Flow | 135 g/10 min | 135 g/10 min | Exxon Method |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|-----------------------|----------------------------|----------------------|
| Hardness, Shore A | 76 | 76 | ASTM D2240 |
| Hardness, Shore D | 26 | 26 | ASTM D2240 |
| Tensile Strength, Ultimate | 3.40 MPa | 493 psi | ASTM D638 |
| Elongation at Break | 450 % | 450 % | ASTM D638 |
| Flexural Modulus | 0.0340 GPa | 4.93 ksi | 1% Secant, ASTM D790 |
| Tensile Impact Strength | 146 kJ/m ² | 69.5 ft-lb/in ² | 23°C; ASTM D-1822 |

| Thermal Properties | Metric | English | Comments |
|-----------------------|---------|---------|--------------------|
| Melting Point | 84.0 °C | 183 °F | Exxon Method |
| Vicat Softening Point | 44.0 °C | 111 °F | 1000g; ASTM D-1525 |

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