

ExxonMobil Escorene® LD 767.MJ Molding, extrusion and compounding resin (discontinued **)

Category: Polymer, Thermoplastic, Ethylene Vinyl Acetate, Ethylene Vinyl Acetate Copolymer (EVA), Extrusion/Coating Grade

Material Notes:

Escorene Ultra LD 767.MJ is a high viscosity, 29.5% vinyl acetate copolymer suitable for making very soft, blow molded or extruded articles with very good low temperature toughness. It can also be used as a polymer modifier to make specialty compounds. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-767MJ-Molding-extrusion-and-compounding-resin-nbspdiscontinued.php

| Physical Properties | Metric | English | Comments | |
|-----------------------|--------------|---------------|-------------------|--|
| Density | 0.954 g/cc | 0.0345 lb/in³ | ExxonMobil Method | |
| Vinyl Acetate Content | 29.5 % | 29.5 % | ExxonMobil Method | |
| Melt Flow | 3.1 g/10 min | 3.1 g/10 min | ASTM D1238 | |

| Mechanical Properties | Metric | English | Comments | |
|---------------------------|-----------------------|-----------------------|--|--|
| Hardness, Shore A | 74 | 74 | 15s; ASTM D2240 | |
| Hardness, Shore D | 26 | 26 | 15s; ASTM D2240 | |
| Tensile Strength at Break | 9.58 MPa | 1390 psi | ASTM D638 | |
| Elongation at Break | >= 800 % | >= 800 % | ASTM D638 | |
| Flexural Modulus | 0.0241 GPa | 3.49 ksi | 1% secant; ASTM D790 | |
| Impact Test | 16.3 J | 12.0 ft-lb | Instrument Impact, Total Energy; ASTM D3763 | |
| impact rest | @Temperature 23.0 °C | @Temperature 73.4 °F | | |
| | 38.0 J | 28.0 ft-lb | Instrumented Impact, Total Energy; ASTM D3763 | |
| | @Temperature -40.0 °C | @Temperature -40.0 °F | | |

| Thermal Properties | Metric | English | Comments |
|-----------------------|---------|---------|--|
| Melting Point | 69.4 °C | 157 °F | Peak Melting Temperature; ExxonMobil Method |
| Vicat Softening Point | 43.9 °C | 111 °F | ASTM D1525 |

| Descriptive Properties | Value | Comments |
|------------------------|--------------------|----------|
| Features | Thermal Stabilizer | |



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