

## ExxonMobil Escorene™ LD 730.09 Molding Ethylene Vinyl Acetate Copolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

### Material Notes:

**Product Description:** Escorene Ultra LD 730.09 is a high vinyl acetate copolymer with a low melting temperature and excellent strength properties and toughness. **Availability:** Latin America, North America and South America **Additive:** Thermal Stabilizer:

**YesApplications:** Foams Profile Extrusion Information provided by ExxonMobil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Escorene-LD-73009-Molding-Ethylene-Vinyl-Acetate-Copolymer.php](http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-73009-Molding-Ethylene-Vinyl-Acetate-Copolymer.php)

Physical Properties	Metric	English	Comments
Density	0.939 g/cc	0.0339 lb/in <sup>3</sup>	ExxonMobil method
Vinyl Acetate Content	17.2 %	17.2 %	ExxonMobil method
Melt Flow	0.70 g/10 min @Load 2.16 kg, Temperature 190 °C	0.70 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	77 @Time 15.0 sec	77 @Time 0.00417 hour	ASTM D2240
Hardness, Shore D	34 @Time 15.0 sec	34 @Time 0.00417 hour	ASTM D2240
Tensile Strength at Break	13.8 MPa	2000 psi	ASTM D638
Elongation at Break	640 %	640 %	ASTM D638
Flexural Modulus, 1% Secant	55.8 MPa	8100 psi	ASTM D790
Dart Drop, Total Energy	20.3 J @Temperature 22.8 °C	15.0 ft-lb @Temperature 73.0 °F	ASTM D3763
	31.2 J @Temperature -40.0 °C	23.0 ft-lb @Temperature -40.0 °F	ASTM D3763

Thermal Properties	Metric	English	Comments
Melting Point	<= 189 °C	<= 372 °F	Peak Melting Point; ExxonMobil method
Vicat Softening Point	67.2 °C	153 °F	ASTM D1525

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**