

ESCORENE™ ULTRA EVA

LD 761.36

Molding, Extrusion and Compounding Resin

Description

Escorene Ultra LD 761.36 is a 26.7% VA copolymer with excellent flexibility and low temperature toughness. LD 761.36 has high filler acceptance.

Applications

- Extruded tubing
- Specialty compounds
- Concentrates

Additive Package

LD 761.36

Thermal Stabilizer

Yes

Resin Properties	Test Based On	Typical Value / Unit	
Melt Index	ASTM D 1238	5.7 g/10 min	
Density	ExxonMobil Method	0.951 g/cm ³	
Peak Melting Temperature	ExxonMobil Method	73 °C	163 °F
Vinyl Acetate	ExxonMobil Method	26.7 wt %	

Molded Properties

Flexural Modulus, 1% Secant	ASTM D 790	28 MPa	4060 psi
Tensile Strength at Break	ASTM D 638	8.1 MPa	1170 psi
Elongation at Break	ASTM D 638	>800 %	
Vicat Softening Point	ASTM D 1525	46 °C	115 °F
Shore Hardness – A (15s)	ASTM D 2240	76	
		D (15s) 27	
Instrumented Impact at 23 °C	ASTM D 3763		
Total Energy		19 J	14 ft-lb
Instrumented Impact at -40 °C	ASTM D 3763		
Total Energy		30 J	22 ft-lb

The test specimen were prepared using ASTM D4703, Procedure C.

LD 761.36 can - in principle - be used in food contact applications in various EU Member States and in the USA (FDA). Migration or use limitations may apply. Please contact your ExxonMobil Chemical representative for more detailed information and/or actual compliance certification documents for the specific grade of interest.

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