

ESCORENE™ ULTRA EVA

LD 728.61

Molding, Extrusion and Compounding Resin

Description

Escorene Ultra LD 728.61 is a high vinyl acetate copolymer with a low melting temperature and excellent strength properties and toughness.

Applications

- Injection molded articles
- Extruded profiles
- Foams

Additive Package

LD 728.61

Thermal Stabilizer

Yes

Resin Properties	Test Based On	Typical Value / Unit	
Melt Index	ASTM D 1238	2 g/10 min	
Density	ExxonMobil Method	0.935 g/cm ³	
Peak Melting Temperature	ExxonMobil Method	87 °C	189 °F
Vinyl Acetate	ExxonMobil Method	18.2 wt %	

Molded Properties

Flexural Modulus, 1% Secant	ASTM D 790	60 MPa	8750 psi
Tensile Strength at Yield	ASTM D 638	5.2 MPa	760 psi
Tensile Strength at Break	ASTM D 638	11.4 MPa	1660 psi
Elongation at Yield	ASTM D 638	260 %	
Elongation at Break	ASTM D 638	>800 %	
Vicat Softening Point	ASTM D 1525	64 °C	147 °F
Shore Hardness – A (15s)	ASTM D 2240	76	
D (15s)		36	
Instrumented Impact at 23 °C	ASTM D 3763		
Total Energy		18 J	13 ft-lb
Instrumented Impact at -40 °C	ASTM D 3763		
Total Energy		35 J	26 ft-lb

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

LD 728.61 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.

Revised January 2006