

Escorene™ Ultra LD 755 Series

Ethylene Vinyl Acetate Copolymer Resin

Product Description

Escorene Ultra LD 755 resins are a high vinyl acetate copolymers for specialty compounding applications and hot melt adhesives.

General

Availability ¹	▪ Asia Pacific	▪ Latin America	▪ North America
Additive	▪ LD 755.CM: Antiblock: No; Slip: No; Thermal Stabilizer: No ▪ LD 755.12: Antiblock: No; Slip: No; Thermal Stabilizer: Yes		
Applications	▪ Compounding	▪ Hot Melt Adhesives	▪ Masterbatch Base Resin
Form(s)	▪ Pellets		
Revision Date	▪ 01/01/2012		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.952 g/cm ³	0.952 g/cm ³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	25 g/10 min	25 g/10 min	ASTM D1238
Vinyl Acetate Content	27.6 wt%	27.6 wt%	ExxonMobil Method
Peak Melting Temperature	151 °F	66 °C	ExxonMobil Method

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	700 psi	4.8 MPa	ASTM D638
Elongation at Break	> 800 %	> 800 %	ASTM D638
Flexural Modulus - 1% Secant	2700 psi	18 MPa	ASTM D790
Durometer Hardness			ASTM D2240
Shore A, 15 sec	70	70	
Shore D, 15 sec	19	19	

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Instrumented Dart Impact			ASTM D3763
-40°F (-40°C)	19 ft·lb	26 J	
73°F (23°C)	11 ft·lb	15 J	

Legal Statement

Contact your ExxonMobil Chemical Customer Service Representative for potential food contact application compliance (e.g. FDA, EU, HPFB).

This product is not intended for use in medical applications and should not be used in any such applications.

Processing Statement

The test specimens were prepared from LD755.12 using ASTM D4703, Procedure C.

Notes

Typical properties: these are not to be construed as specifications.

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

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