

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

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		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.952 g/cm ³	0.952 g/cm ³	ASTM D1505
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	158 °F	70 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	104 °F	40 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	740 psi	5.1 MPa	ASTM D638
Elongation at Break	660 %	660 %	ASTM D638
Flexural Modulus - 1% Secant	2600 psi	18 MPa	ASTM D790
Durometer Hardness			ASTM D2240
Shore A, 15 sec	78	78	
Shore D, 15 sec	21	21	

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.