

Product Datasheet



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 755.12: Antiblock: No; Slip: No; Thermal Stabilizer: Yes - LD 755.CM: Antiblock: No; Slip: No; Thermal Stabilizer: No
Applications	- Compounding - Hot Melt Adhesives - Masterbatch Base Resin
Form(s)	Pellets
Revision Date	06/11/2020

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 Mass-Flow Rate (MFR) (125°C/2.16 kg)	25 g/10 min	25 g/10 min	ExxonMobil Method
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	40.0 °C	ExxonMobil Method

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	740 psi	5.1 MPa	ExxonMobil Method
Elongation at Break	664 %	664 %	ExxonMobil Method
Flexural Modulus - 1% Secant	2600 psi	18 MPa	ExxonMobil Method
Durometer Hardness			ExxonMobil Method
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

All physical properties were measured on compression molded specimens.

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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ExxonMobil

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For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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