

Escorene™ Ultra LD 783.CD

Ethylene Vinyl Acetate Copolymer Resin

Product Description

Escorene Ultra LD 783.CD is a 31.4% VA copolymer that is suitable for making a variety of specialty molding and extrusion compounds. It has high clarity and very low modulus. LD 783.CD contains an additive package to improve pellet flowability and handling.

General

Availability ¹	- Asia Pacific - Latin America - North America
Additive	LD 783.CD: Antiblock: No; Slip: No; Thermal Stabilizer: Yes
Applications	- Crosslinkable Compounds - Molding Compounds - Extrusion Compounds - Wire and Cable Compounds
Revision Date	03/01/2010

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.955 g/cm ³	0.955 g/cm ³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	43 g/10 min	43 g/10 min	ASTM D1238
Vinyl Acetate Content	31.4 wt%	31.4 wt%	ExxonMobil Method
Peak Melting Temperature	136 °F	58 °C	ExxonMobil Method

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	440 psi	3.0 MPa	ASTM D638
Elongation at Break	> 800 %	> 800 %	ASTM D638
Flexural Modulus - 1% Secant	1800 psi	13 MPa	ASTM D790
Durometer Hardness (Shore A, 15 sec)	55	55	ASTM D2240

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Instrumented Dart Impact			ASTM D3763
-40°F (-40°C)	22 ft·lb	30 J	
73°F (23°C)	8.0 ft·lb	11 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 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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