

# 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

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 <sup>3</sup>	0.955 g/cm <sup>3</sup>	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	

