

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	▪ Antiblock: No	▪ Slip: No	▪ Thermal Stabilizer: Yes
Applications	▪ Crosslinkable Compounds	▪ Molding Compounds	
	▪ Extrusion Compounds	▪ Wire and Cable Compounds	

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.955 g/cm ³	0.955 g/cm ³	ASTM D1505
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	138 °F	59 °C	ExxonMobil Method

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break	> 580 psi	> 4.0 MPa	ASTM D638
Elongation at Break	> 720 %	> 720 %	ASTM D638
Flexural Modulus - 1% Secant	1400 psi	9.6 MPa	ASTM D790
Durometer Hardness			ASTM D2240
Shore A, 15 sec	63	63	
Shore D, 15 sec	13	13	

