

Escorene™ Ultra LD 726.07

Ethylene Vinyl Acetate Copolymer Resin

Product Description

LD726.07 is primarily designed for high speed/low coating weight extrusion coating and is a good coextrusion partner with other polymers. LD726.07 is an excellent sealing material with a very low seal initiation temperature and high clarity.

General

Applications	<ul style="list-style-type: none"> Adhesive Lamination Barrier Food Packaging Coextrusion Coating Compounding Document Plastification Extrusion Coating 	<ul style="list-style-type: none"> Extrusion Lamination Flexible Packaging High Frequency Sealing Industrial Packaging Injection Molding Masterbatch Base Resin 	<ul style="list-style-type: none"> Non-Woven Coating PVC Replacement Thermal Lamination Wire and Cable Compounds
Processing Method	<ul style="list-style-type: none"> Extrusion Coating 		

Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.939 g/cm ³	0.939 g/cm ³	ASTM D1505
Melt Index (190°C/2.16 kg)	14 g/10 min	14 g/10 min	ASTM D1238
Vinyl Acetate Content	18.0 wt%	18.0 wt%	ExxonMobil Method
Peak Melting Temperature	181 °F	83 °C	ExxonMobil Method

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	131 °F	55 °C	ASTM D1525

Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Durometer Hardness			ASTM D2240
Shore A, 15 sec	> 90	> 90	
Shore D, 15 sec	34	34	

Film Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Break MD	1100 psi	7.5 MPa	ASTM D882
Elongation at Break MD	> 800 %	> 800 %	ASTM D882

Coating Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Draw Down			ExxonMobil Method
Constant output at 35 rpm, 446°F (230°C)	540 m/min	540 m/min	
Neck-in			ExxonMobil Method
328 ft/min (100 m/min), Constant output at 35 rpm, 446°F (230°C)	4.3 in	11 cm	
656 ft/min (200 m/min), Constant output at 35 rpm, 446°F (230°C)	3.7 in	9.5 cm	

