

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

Availability ¹	▪ Asia Pacific	▪ Latin America	▪ North America
Applications	▪ Adhesive Lamination ▪ Barrier Food Packaging ▪ Coextrusion Coating ▪ Compounding ▪ Document Plastification ▪ Extrusion Coating	▪ Extrusion Lamination ▪ Flexible Packaging ▪ High Frequency Sealing ▪ Industrial Packaging ▪ Injection Molding ▪ Masterbatch Base Resin	▪ Non-Woven Coating ▪ PVC Replacement ▪ Thermal Lamination ▪ Wire and Cable Compounds
Processing Method	▪ 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	

Processing Statement

¹ Constant output at 35 rpm, 446°F (230°C). Coating Value reported is an estimate based on ExxonMobil's correlation from melt flow rate data measured at other standard conditions. Typical coating values obtained on a pilot coextrusion coating line at ExxonMobil Europe Technical Center, at an air gap of 170 mm (6.22 inches).

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.

Escorene™ Ultra LD 726.07
Ethylene Vinyl Acetate Copolymer Resin

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

©2022 ExxonMobil. ExxonMobil, the ExxonMobil logo, the interlocking "X" device and other product or service names used herein are trademarks of ExxonMobil, unless indicated otherwise. This document may not be distributed, displayed, copied or altered without ExxonMobil's prior written authorization. To the extent ExxonMobil authorizes distributing, displaying and/or copying of this document, the user may do so only if the document is unaltered and complete, including all of its headers, footers, disclaimers and other information. You may not copy this document to or reproduce it in whole or in part on a website. ExxonMobil does not guarantee the typical (or other) values. Any data included herein is based upon analysis of representative samples and not the actual product shipped. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We based the information on data believed to be reliable on the date compiled, but we do not represent, warrant, or otherwise guarantee, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement, suitability, accuracy, reliability, or completeness of this information or the products, materials or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process in its territories of interest. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of or related to anyone using or relying on any of the information in this document. This document is not an endorsement of any non-ExxonMobil product or process, and we expressly disclaim any contrary implication. The terms "we," "our," "ExxonMobil Product Solutions" and "ExxonMobil" are each used for convenience, and may include any one or more of ExxonMobil Product Solutions Company, Exxon Mobil Corporation, or any affiliate either directly or indirectly stewarded.

exxonmobilchemical.com