

Escorene™ Ultra LD 726.07

乙酸乙烯酯共聚物树脂

产品说明

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.

总览

应用	<ul style="list-style-type: none"> PVC 替代材料 电线电缆料 高频封口 工业包装 共挤涂覆 混料 	<ul style="list-style-type: none"> 挤出复合 挤出涂覆 胶粘层压 母料基础树脂 热覆膜 软包装 	<ul style="list-style-type: none"> 文件塑化 无纺布涂覆 注塑成型 阻隔性食品包装
加工方法	<ul style="list-style-type: none"> 挤出涂层 		

物理性能	典型数值 (英制)	典型数值 (公制)	测试方法
密度	0.939 g/cm ³	0.939 g/cm ³	ASTM D1505
熔融指数 (190° C/2.16 kg)	14 g/10 min	14 g/10 min	ASTM D1238
醋酸乙烯含量	18.0 wt%	18.0 wt%	ExxonMobil Method
熔融峰值温度	181 ° F	83 ° C	ExxonMobil Method

热性能	典型数值 (英制)	典型数值 (公制)	测试方法
维卡软化温度	131 ° F	55 ° C	ASTM D1525

被铸造的物产	典型数值 (英制)	典型数值 (公制)	测试方法
肖氏硬度			ASTM D2240
邵氏 A, 15 秒	> 90	> 90	
邵氏 D, 15 秒	34	34	

薄膜	典型数值 (英制)	典型数值 (公制)	测试方法
MD 断裂拉伸强度	1100 psi	7.5 MPa	ASTM D882
MD 断裂伸长率	> 800 %	> 800 %	ASTM D882

涂布性能	典型数值 (英制)	典型数值 (公制)	测试方法
牵伸			ExxonMobil Method
Constant output at 35 rpm, 446° F (230° C)	540 m/min	540 m/min	
颈缩			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	

加工说明

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).