

Plexar® PX3060

线性低密度聚乙烯

LyondellBasell Industries

Technical Data

产品说明

Plexar® tie-layers are chemically modified resins used to bond unlike materials, primarily in packaging and industrial applications. Common adherents include polyethylene resins and copolymers, such as EVA or EMA, polypropylene, polyamide (nylon), ethylene vinyl alcohol copolymers (EVOH), ionomer and other sealants, polyethylene terephthalate (PET) resins and copolymers, styrenic polymers, metal, paper and many others. Product grades tailored for blown and cast films, sheet and thermoforming, blow molding, extrusion coating and lamination, tubing, pipe, spray coating and other specialty applications are available in pellet form.

总体

用途	• 包装	• 薄膜	• 工业领域：
机构评级	• FDA 21 CFR 175.105		
形式	• 颗粒料		
加工方法	• 薄膜挤出	• 吹塑薄膜	• 挤出

物理性能	额定值	单位制	测试方法
密度	0.924	g/cm³	ASTM D1505
熔速率 (190°C/2.16 kg)	2.2	g/10 min	ASTM D1238

薄膜	额定值	单位制	测试方法
薄膜厚度 - 经测试	51	µm	
抗张强度			ASTM D882
MD: 屈服, 51 µm, 吹塑薄膜	12.6	MPa	
TD: 屈服, 51 µm, 吹塑薄膜	14.2	MPa	
MD: 断裂, 51 µm, 吹塑薄膜	30.1	MPa	
TD: 断裂, 51 µm, 吹塑薄膜	23.9	MPa	
伸长率			ASTM D882
MD: 屈服, 51 µm, 吹塑薄膜	16	%	
TD: 屈服, 51 µm, 吹塑薄膜	10	%	
MD: 断裂, 51 µm, 吹塑薄膜	760	%	
TD: 断裂, 51 µm, 吹塑薄膜	760	%	
埃尔曼多夫抗撕强度			ASTM D1922
MD: 51 µm, 吹塑薄膜	120	g	
TD: 51 µm, 吹塑薄膜	560	g	
水气透过率 (51 µm, 吹塑薄膜, 100% RH)	6.2	g/m²/24 hr	ASTM F372

热性能	额定值	单位制	测试方法
维卡软化温度	100	°C	ASTM D1525

挤出	额定值	单位制
熔体温度	> 210	°C