

Braskem PE SPB681

低密度聚乙烯

Braskem America Inc.

供应商联系方式

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产品说明

Description: SPB681 is a low density polyethylene produced under high pressure technology. Films obtained with this product show excellent 'draw down', good sealability, and low gel content. Additives free. The minimum biobased content of this grade is 95%, determined according to ASTM D6866.

Applications: LLDPE and HDPE blends.

Process: Blown and Cast Film Extrusion. Injection molding.

基本信息

特性	低速凝固晶点 无 BPA	可更新资源 无添加剂	良好的剥离性
用途	混合		
机构评级	FDA 21 CFR 177.1520		
加工方法	薄膜挤出 注射成型	吹塑薄膜	流延薄膜

物理性能	额定值	单位制	测试方法
密度	0.922	g/cm ³	ASTM D1505
熔流率(熔体流动速率) (190°C/2.16 kg)	3.8	g/10 min	ASTM D1238

薄膜	额定值	单位制	测试方法
薄膜厚度 - 经测试	38	μm	
抗张强度			ASTM D882
MD : 断裂, 38 μm,吹塑薄膜	30.0	MPa	ASTM D882
TD : 断裂, 38 μm,吹塑薄膜	20.0	MPa	ASTM D882
伸长率			ASTM D882
MD : 断裂, 38 μm,吹塑薄膜	370	%	ASTM D882
TD : 断裂, 38 μm,吹塑薄膜	1100	%	ASTM D882
落锤冲击 ¹ (38 μm, 吹塑薄膜)	60	g	ASTM D1709
埃尔曼多夫抗撕强度 - TD (38 μm, 吹塑薄膜)	100	g	ASTM D1922

光学性能	额定值	单位制	测试方法
光泽度 (60°, 吹塑薄膜)	120		ASTM D2457
雾度 (吹塑薄膜)	4.0	%	ASTM D1003

补充信息	额定值	单位制	测试方法
生物基含量	> 95	%	ASTM D6866

Blown Film Properties: Obtained in 75mm extruder, blow up ratio 2:1, die gap 1.0mm and 38μm thickness.Recommended processing conditions:Blown Film ExtrusionEquipment:Screw- relation L/D.....16 to 30:1Compression Ratio.....3 to 4:1Screw Package (Mesh)...40/60/40Temperature Profile:1st zone.....110°CFrom the screw to the die.....140°CDie.....150°CBlow up ratio.....from 2 to 3:1Frostline Height.....at most equivalent to the bubble diameterCast Film ExtrusionEquipment type:Screw - L/D relation.....at least 20:1Screw.....from 180 to 250°CDie.....from 250 to 290°CChill Roll.....40°CInjection MoldingTemperature profile.....180 to 220°C Mold temperature.....5 to 25°C

备注

