

Braskem PE SBF0323/12HC

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: SBF0323/12HC is a high molecular weight LDPE produced under high pressure technology. Films obtained with this product show outstanding optical properties, excellent mechanical properties, and good shrinkage. The minimum biobased content of this grade is 95%, determined according to ASTM D6866.

Additive: Slip Medium. Antiblock Medium.

Applications: Automatic packaging of solid and liquid products; shrink films for pallets.

Process: Blown Film Extrusion.

基本信息

添加剂	抗结块剂	增滑剂	
特性	高分子量 无 BPA	光学性能 中等抗结块性	可更新资源 中度光滑性
用途	Pallets	包装	薄膜
机构评级	FDA 21 CFR 177.1520		
加工方法	薄膜挤出	吹塑薄膜	

物理性能	额定值	单位制	测试方法
密度	0.923	g/cm ³	ASTM D792
熔流率(熔体流动速率) (190°C/2.16 kg)	0.32	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	40.0	MPa	ASTM D882
TD: 断裂, 38 μm, 吹塑薄膜	30.0	MPa	ASTM D882
伸长率			ASTM D882
MD: 断裂, 38 μm, 吹塑薄膜	390	%	ASTM D882
TD: 断裂, 38 μm, 吹塑薄膜	1000	%	ASTM D882
落锤冲击 ¹ (38 μm, 吹塑薄膜)	100	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)	83		ASTM D2457
雾度 (吹塑薄膜)	11	%	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: 38µm thickness film, processed in a 75 mm screw diameter extruder with blow up ratio of 2:1, die gap 1.0 mm
Recommended process conditions: Blown Film Extrusion Extruder: Screw- relation L/D.....16 to 30:1 Compression Ratio.....3 to 4:1
Screw Package (Mesh)...40/60/40 Temperature Profile:
1st zone.....110°C
Extruder.....180°C
Die.....190°C
Blow up ratio.....from 2 to 3:1 Frostline Height.....maximum equivalent to bubble diameter

备注

1. F50