

Braskem PE STN7006

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: STN7006 is a low-density polyethylene (LDPE) specially developed for coextruded films and lamination. The resin presents a great combination among mechanical, optical and stiffness properties. Besides STN7006 has low gels content which ensure a production of excellent appearance films. This product is identified as PE 114 according to ASTM D-4976-04a standard specification. Additives free. The minimum biobased content of this grade is 95%, determined according to ASTM D6866.

Applications: High clarity films for coextruded food packaging, such as: cheese, meat, sausages, sliced ham, etc. Cast films for table cloth, curtains and laminated tissues. Flexible bottles for solids, liquids or pasties products for hygiene and cleanness.

Process: Blown Film Extrusion

基本信息

特性	低速凝固晶点 清晰度,高	光学性能 无 BPA	可更新资源 无添加剂
用途	层压板 食品包装	流延薄膜	瓶子
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	0.924	g/cm ³	ASTM D792
熔流率(熔体流动速率) (190°C/2.16 kg)	0.60	g/10 min	ASTM D1238
薄膜	额定值	单位制	测试方法
薄膜厚度 - 经测试	50	µm	
割线模量			ASTM D882
2% 正割, MD : 50 µm, 吹塑薄膜	140	MPa	ASTM D882
2% 正割, TD : 50 µm, 吹塑薄膜	170	MPa	ASTM D882
抗张强度			ASTM D882
MD : 断裂, 50 µm,吹塑薄膜	25.0	MPa	ASTM D882
TD : 断裂, 50 µm,吹塑薄膜	20.0	MPa	ASTM D882
伸长率			ASTM D882
MD : 断裂, 50 µm,吹塑薄膜	350	%	ASTM D882
TD : 断裂, 50 µm,吹塑薄膜	700	%	ASTM D882
落锤冲击 ¹ (50 µm, 吹塑薄膜)	170	g	ASTM D1709
埃尔曼多夫抗撕强度			ASTM D1922
MD : 50 µm, 吹塑薄膜	310	g	ASTM D1922
TD : 50 µm, 吹塑薄膜	250	g	ASTM D1922
光学性能	额定值	单位制	测试方法
光泽度			ASTM D2457
45°, 吹塑薄膜	60		ASTM D2457

60°, 吹塑薄膜	86		ASTM D2457
雾度 (吹塑薄膜)	8.5	%	ASTM D1003
补充信息	额定值	单位制	测试方法
生物质含量	> 95	%	ASTM D6866

Blown Film Properties: 50µm thickness film, processed in a 50mm blow film line with barrier screw. 25:1 L/D and a 1.0mm die gap at a 2.3:1 blow up ratio. Recommended processing conditions: Blow Film Extrusion Temperature Profile:.....from 150 to 185°C Mass Temperature:..... from 180 to 185°C Blow up Ratio:.....from 2,0 to 3,0:1 Die Gap:.....1,0 mm

备注

1. F50