

Braskem PE TS9022

低密度聚乙烯

Braskem

Technical Data

产品说明
TS9022 is a low density polyethylene (LDPE), developed specially for automatic overwrap packaging. This resin has a combination of high optical properties and excellent stiffness. The incorporated additive package consists of an antiblocking agent in high level and a slip agent in medium level, to guarantee a low coefficient of friction (COF), which fundamental for improved machineability in overwrap applications. This product is identified as PE 123 according to ASTM D- 4976-04a standard specification.
Additivation: Antiblocking agent Slip agent
Application: Films for automatic overwrap packaging of hygiene markets. Typical applications are toilet tissue, kitchen paper, and napkin (paper products) overwrap. Laminated films for food packaging with (PP or BOPP), for products such as coffee, crackers, and powder milk. Films which require good optical proprieties aligned with high stiffness.
Process: Blown Film Extrusion

总览			
添加剂	- 高抗结块性 - 抗结块剂	- 抗结块剂 - 增滑剂	中度光滑性
特性	- 低摩擦系数 - 高刚性 - 高抗结块性	- 光滑性 - 光学性能 - 抗结块性	- 良好刚性 - 中度光滑性
用途	- Blown Film - 包装	- 薄膜 - 层压板	食品包装
机构评级	ASTM D4976-PE123		
加工方法	吹塑薄膜		

物理性能	额定值	单位制	测试方法
密度 / 比重	0.931 g/cm³		ASTM D792
熔流率 (熔体流动速率) (190°C/2.16 kg)	2.2 g/10 min		ASTM D1238
薄膜	额定值	单位制	测试方法
割线模量			ASTM D882
2% 正割, MD : 40 µm, 吹塑薄膜	190 MPa		
2% 正割, TD : 40 µm, 吹塑薄膜	170 MPa		
抗张强度			ASTM D882
MD : 断裂, 40 µm, 吹塑薄膜	20.0 MPa		
TD : 断裂, 40 µm, 吹塑薄膜	15.0 MPa		
伸长率			ASTM D882
MD : 断裂, 40 µm, 吹塑薄膜	350 %		
TD : 断裂, 40 µm, 吹塑薄膜	950 %		
落锤冲击 (40 µm, 吹塑薄膜)	100 g		ASTM D1709
埃尔曼多夫抗撕强度 - TD (40 µm, 吹塑薄膜)	350 g		ASTM D1922
光学性能	额定值	单位制	测试方法
光泽度			ASTM D2457
45°, 40.0 µm, 吹塑薄膜	70		
60°, 40.0 µm, 吹塑薄膜	100		
雾度 (40.0 µm, 吹塑薄膜)	10.0 %		ASTM D1003

