

Braskem PE EF2002

低密度聚乙烯

Braskem

产品说明

EF2002 is a low-density polyethylene (LDPE) with high molecular weight. Has excellent processability, proper of branched polyethylene produced by a high-pressure process. EF2002 resin presents an excellent performance in conventional LDPE extruders, granting low energy consumption during the whole process and allowing the production of packaging with a good dimensional uniformity and an excellent surface finishing.

Application:

High resistance films for industrial packaging, heavy duty bags and plastic canvas. Base resin for agriculture films with big dimensions.

Process:

Blown Film Extrusion

供应商联系方式

上海松翰塑化科技有限公司

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基本信息

特性	尺寸稳定性良好	低密度	高分子量
	可加工性,良好	优良外观	
用途	包装	农业应用	重包装袋
机构评级	FDA 21 CFR 177.1520		
加工方法	吹塑薄膜		

物理性能	额定值	单位制	测试方法
比重	0.920	g/cm ³	ASTM D792
熔流率(熔体流动速率) (190°C/2.16 kg)	0.16	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 : 50 μm	150	MPa	ASTM D882
2% 正割, TD : 50 μm	170	MPa	ASTM D882
抗张强度			ASTM D882
MD : 断裂, 50 μm	30.0	MPa	ASTM D882
TD : 断裂, 50 μm	25.0	MPa	ASTM D882
伸长率			ASTM D882
MD : 断裂, 50 μm	360	%	ASTM D882
TD : 断裂, 50 μm	740	%	ASTM D882
落锤冲击 ¹ (50 μm)	200	g	ASTM D1709
埃尔曼多夫抗撕强度			ASTM D1922
MD : 50 μm	180	g	ASTM D1922
TD : 50 μm	200	g	ASTM D1922

光学性能	额定值	单位制	测试方法
光泽度 (60°, 50.0 μm)	53		ASTM D2457
雾度	19	%	ASTM D1003

挤压说明

Recommended Blow Film Extrusion Conditions:

Temperature Profile: 170°C to 225°C

Mass Temperature: 190°C to 225°C

Blow up Ratio: 2.0 to 3.0 : 1

Die Gap: 1.0 to 1.5 mm

备注

1. F50