

Braskem PE BC-818

低密度聚乙烯

Braskem

Technical Data

产品说明

BC818 is a grade produced under high pressure in an autoclave reactor. In the coating process it presents very good optical properties, low neck-in, good film stability, and good adhesion on porous substrate. Without additives.

Applications:
Extrusion coating; injection of general parts and carrier for masterbatches.

Recommended process conditions:
Extrusion coating

- Extruder type:

Screw W/D ratio 20:1
Compression ratio, 3 to 4:1

- Temperature profile on horizontal extruder:

Barrel, from 150 to 340°C

总体

特性	- 光学性能 - 良好粘性	- 内缩量低 - 无添加剂
用途	母料	涂层应用
机构评级	FDA 21 CFR 177.1520	
加工方法	挤出涂层	

物理性能

	额定值	单位制	测试方法
密度	0.918 g/cm³		ASTM D1505
熔流率 (熔体流动速率) (190°C/2.16 kg)	8.3 g/10 min		ASTM D1238

薄膜

	额定值	单位制	测试方法
抗张强度			ASTM D882
MD : 断裂, 70 µm, 吹塑薄膜	25.0 MPa		
TD : 断裂, 70 µm, 吹塑薄膜	20.0 MPa		
伸长率			ASTM D882
MD : 断裂, 70 µm, 吹塑薄膜	380 %		
TD : 断裂, 70 µm, 吹塑薄膜	870 %		
弯曲模量 - 1% Secant, MD (70 µm, Blown Film)	70.0 MPa		ASTM D790
落锤冲击 (70 µm, 吹塑薄膜)	70 g		ASTM D1709
埃尔曼多夫抗撕强度 - TD (70 µm, 吹塑薄膜)	56 g		ASTM D1922

光学性能

	额定值	单位制	测试方法
光泽度 (60°, 70.0 µm, 吹塑薄膜)	76		ASTM D2457
雾度 (70.0 µm, 吹塑薄膜)	8.00 %		ASTM D1003

