

Braskem PE SEB853

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: SEB853 is a low density polyethylene produced under high pressure technology. Films obtained with this product show outstanding optical properties, good sealability, and low gel content. Additives free. The minimum biobased content of this grade is 95%, determined according to ASTM D6866.

Applications: Typical blown film applications include films for diapers and other general purposes as well as LLDPE and HDPE blends.

Process: Blown and Cast Film Extrusion

基本信息

| | | | |
|------|---------------------|------|-------|
| 特性 | 低速凝固晶点 | 光学性能 | 可更新资源 |
| | 无 BPA | 无添加剂 | |
| 用途 | 薄膜 | 混合 | 通用 |
| 机构评级 | FDA 21 CFR 177.1520 | | |
| 加工方法 | 薄膜挤出 | 吹塑薄膜 | 流延薄膜 |

物理性能

| | 额定值 | 单位制 | 测试方法 |
|-----------------------------|-------|-------------------|------------|
| 密度 | 0.923 | g/cm ³ | ASTM D1505 |
| 熔流率(熔体流动速率) (190°C/2.16 kg) | 2.7 | 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 | 20.0 | MPa | ASTM D882 |
| 伸长率 | | | ASTM D882 |
| MD : 断裂, 38 μm,吹塑薄膜 | 300 | % | ASTM D882 |
| TD : 断裂, 38 μm,吹塑薄膜 | 280 | % | ASTM D882 |
| 落锤冲击 ¹ (38 μm, 吹塑薄膜) | 50 | 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) | 113 | | ASTM D2457 |
| 雾度 (吹塑薄膜) | 5.0 | % | 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: Obtained in 75mm extruder, blow up ratio 2:1, die gap 1.0mm and 38μm thickness.Recommended process conditions:Blown Film ExtrusionExtruder:Screw- relation L/D.....16 to 30:1Compression Ratio.....3 to 4:1Screw Package

(Mesh)...40/60/40Temperature Profile:

1st zone.....110°C

Extruder.....150°C

Die.....160°C

Blow up ratio.....from 2 to 3:1Frostline Height.....maximum equivalent to bubble diameter

备注

