

Braskem PE SLL5405S

线性低密度聚乙烯

Braskem America Inc.

供应商联系方式

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产品说明

Description:

SLL5405S is a LLDPE Butene copolymer produced by Braskem. It is a general purpose product that shows a good processing performance balanced with good mechanical properties as well as sealability. This product has very low gel amount.

The minimum biobased content of this grade is 87%, determined according to ASTM D6866.

Additive:

Antiblocking High

Slip High

Applications:

Automatic Packaging (FFS); liners; general purpose; HDPE and LDPE blends.

Process:

Blown Film Extrusion

基本信息

| | | | |
|------|---------------------------|---------------|------------------|
| 添加剂 | 高光滑性 | 高抗结块性 | |
| 特性 | 低速凝固晶点 共聚物 食品接触的合规性 | 高光滑性 可更新资源 | 高抗结块性 可加工性,良好 |
| 用途 | 包装 混合 | 薄膜 通用 | 衬里 |
| 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 | 0.918 | g/cm ³ | ASTM D792 |
| 熔流率(熔体流动速率) (190°C/2.16 kg) | 1.0 | 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, 38 μm | 40.0 | MPa | ASTM D882 |
| TD : 断裂, 38 μm | 30.0 | MPa | ASTM D882 |
| 伸长率 | | | ASTM D882 |
| MD : 断裂, 38 μm | 1100 | % | ASTM D882 |
| TD : 断裂, 38 μm | 1300 | % | ASTM D882 |
| 弯曲模量 | | | ASTM D790 |
| 1% Secant, MD : 38 μm | 210 | MPa | ASTM D790 |
| 1% Secant, TD : 38 μm | 230 | MPa | ASTM D790 |
| 落锤冲击 ¹ | 130 | g | ASTM D1709 |
| 埃尔曼多夫抗撕强度 | | | ASTM D1922 |
| MD : 38 μm | 180 | g | ASTM D1922 |
| TD : 38 μm | 400 | g | ASTM D1922 |

| 补充信息 | 额定值 | 单位制 | 测试方法 |
|-------|------|-----|------------|
| 生物质含量 | > 87 | % | ASTM D6866 |

挤压说明

Blown Film Extrusion

Temperature Profile: from 180 to 210°C

Blow up Ratio: from 2 to 3:1

Die Gap: from 1.8 to 2.5 mm

Screen Package: 40/40 - 100% pure

40/60/40 - Blend

Mass Temperature: 190°C (max 210°C)

备注

1. F50