

Topyl SP 2000 B

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LyondellBasell Industries

Technical Data

产品说明

Topyl SP 2000 B is a fully formulated seal peel solution especially developed for the blown film technology.

This product has been designed to offer a peelable seal to PE substrates or to seal & peel against itself and is suitable for non-sterilisable applications.

Topyl SP 2000B is a solution created to replace completely the sealing layer in a coextruded film.

It provides a constant easy-opening force over a wide sealing temperature window and is readily processable on conventional equipment in both mono and co-extruded structures.

EU and FDA compliance information about this product can be found in separate product documentation.

This product is not intended for use in medical and pharmaceutical applications.

总体

| | | | |
|------|--------------------------------|-------------------------------------|---------------------|
| 添加剂 | • 中等抗结块性 | • 中度光滑性 | |
| 特性 | • 半结晶 • 良好的热封性 • 良好的熔体强度 | • 良好的撕裂强度 • 密封范围很宽 • 食品接触的合规性 | • 中等抗结块性 • 中度光滑性 |
| 用途 | • 薄膜 | | |
| 机构评级 | • EU Unspecified Rating | • FDA 未评级 | |
| 加工方法 | • 吹塑薄膜 | • 共挤出成型 | • 挤出 |

| 物理性能 | 额定值 | 单位制 | 测试方法 |
|---------------|-----------|-------------------|-------------|
| 密度 | 0.912 | g/cm ³ | ISO 1183 |
| 熔流率 (熔体流动速率) | 2.0 | g/10 min | ISO 1133 |
| 机械性能 | 额定值 | 单位制 | 测试方法 |
| 摩擦系数 | 0.25 | | ASTM D1894 |
| 薄膜 | 额定值 | 单位制 | 测试方法 |
| 割线模量 - MD | 185 | MPa | ASTM D882 |
| 抗张强度 - MD | | | ASTM D882 |
| 屈服 | 9.00 | MPa | |
| 断裂 | 28.0 | MPa | |
| 伸长率 - MD (断裂) | 670 | % | ASTM D882 |
| 热性能 | 额定值 | 单位制 | 测试方法 |
| 维卡软化温度 | 90.0 | °C | ISO 306/A50 |
| 熔融温度 | 110 | °C | DSC |
| 挤出 | 额定值 | 单位制 | |
| 熔体温度 | 170 到 230 | °C | |