



TECHNICAL DATA SHEET

POLYPROPYLENE LLDPE-FB2230

Description 说明

LLDPE-FB2230 is bimodal technology resulting in easy extrusion with superior mechanical properties. Film made from the product exhibits excellent mechanical strength at normal as well as low temperature, good sealing properties and superior ESCR.

LLDPE-FB2230 是双峰技术导致容易挤压与优越的力学性能。电影由产品展览优秀的机械强度在正常以及低温,良好的密封性能和优越的 ESCR。

Applications 用途

Mono layer & co-extrusion films
Agriculture Film (incl. Greenhouse Film)
Lamination (incl. Stand up Pouches)
Shrink film
Heavy duty shipping sacks
Exclusive Carrier/Boutique bags

Origin 源产地

UAE-Borouge 阿联酋博禄

Resin properties

| Typical properties 典型性能 | Test method 测试方法 | Unit 单位 | Value 价值 |
|--|---------------------|-------------------|-------------------|
| Density 密度 | 923 | Kg/m ³ | ASTM D 792 |
| Melt Flow Rate MFR (190 ° C/2.16 kg) 融熔指数 | 0.25 | g/10min | ASTM D1238 |
| Melt Flow Rate MFR (190 ° C/5.0 kg) 融熔指数 | 1.0 | g/10min | ASTM D1238 |
| Melt Flow Rate MFR (190 ° C/21 kg) 融熔指数 | 22 | g/10min | ASTM D1238 |
| Melting Temperature 溶解温度 | 124 | ° C | ISO 11357/03 |
| Vicat Softening Temperature A50 (10 N) 维卡软化点 | 101 | ° C | ISO 306 ASTM D |
| ESCR - 10% Igepal / F50 | >5000 | Hours | 1693 |
| Tensile Strength at Yield 断裂屈服应力 | ISO 527-3 | 12 | MPa |
| Tensile Modulus 拉伸模量 | ASTM D 882 | 250/300 | MPa |
| Coefficient of Friction 摩擦系数 | ASTM D 1894 | 0.4 | - |
| Gloss (60°) 光泽度 | ASTM D 2457 | 10 | |
| Dart Drop 落锤冲击试验 | ASTM D1709/A | 600 | g |
| Tear Strength 撕裂强度 | ASTM D 1922 | 4/8 | N |
| Puncture Resistance, force 穿刺阻力 | ASTM D 5748 | 50 | N |
| Puncture Resistance, energy 能量穿刺阻力 | ASTM D 5748 | 3 | J |