

BPO露天土壤自然环境生物降解聚烯烃系列

规格/grade: BPE JJ1200 020U

产品资料表/Product data sheet

颜色/colour: 本色/NC

材质/material: 生物降解线性低密度聚乙烯/Biodegradable LLDPE

产品描述:

JJ1200 020U是一款适合吹塑/流延加工的全生物降解线性低密度聚乙烯, 相比JJ1200 020增强了抗老化性, 特别在地膜应用中可延长地膜使用寿命, 可在露天土壤自然环境2年内完全生物降解, 其最终产物为水、CO₂和生物质; 无微塑料残留, 可通过幼苗出苗、幼苗生长、水蚤繁殖、急性慢性生态毒性试验, 对环境无损害; 可采用LDPE的成型工艺进行加工。

JJ1200 020U is a fully biodegradable linear low-density polyethylene suitable for blow molding/tape casting processing. Compared with JJ1200 020, it has enhanced its anti-aging property. Especially in the application of mulching film, it can extend the service life of mulching film, and can be fully biodegradable in the natural environment of open soil within 2 years. Its final products are water, CO₂ and biomass; There is no microplastic residue, which can be tested through seedling emergence, seedling growth, water flea reproduction, and acute and chronic ecological toxicity tests, without causing any damage to the environment; LDPE molding process can be used for processing.

特点/Characteristic

- 抗刺穿优
- 抗老化, 加工性能良好
- 符合PAS 9017、GB/T 41010生物降解规范
- 长货架期、可回收利用
- Excellent puncture resistance
- Anti aging, good processing performance
- Meet PAS-9017、GB/T 41010 biodegradation requirement
- Long shelf life、Recyclable

应用/Applications

· 吹膜/Blown film

· 流延膜/Casting film

-农地膜、内衬袋、复合膜、包装膜、卫包膜

-拉伸缠绕膜、保鲜膜

-Agricultural film、Liner bag、Combination film、

- Stretch wrapping film、Fresh-keeping film

Packaging film、Packaging film for sanitary articles

性能/Properties ⁽¹⁾	试验方法/method	单位/unit	数值/typical value
熔融指数 Melt Index(190°C/2.16kg)	ISO 1133 -1	g/10min	2.0
密度 Density	ISO 1183 -2	g/cm ³	0.915
熔点 Meltin Point	ISO 11357 -3	°C	123
维卡软化温度 (A50) Vicat Softening Temperature (A50)	ISO 306	°C	96.5
拉伸强度 Tensile Strength	ISO 527 -2	MPa	15
断裂延伸率 Tensile Elongation at Break	ISO 527 -2	%	>500

建议加工参数:

熔融温度: 140 -210°C

吹膜温度: 160 -210°C

流延温度: 180 -260°C

因不能够预见到本产品可能被使用的所有情形, 对产品的安全性和适宜性, 除非另行书面约定, 恒昌泰不提供任何保证。购买者和使用者应自行承担因操作或使用我们的产品而产生的损失或损害的所有责任和义务。除非特别指明, 所提到的牌号不适用于药物/医疗范畴。