

Ecoworld®PBAT

Biodegradable aliphatic-aromatic copolymers

Product Description

爱柯沃德®PBAT是瑞拓峰高新科技有限公司推出的一种生物降解脂肪-芳香族共聚酯，通过改性加工后，适用于吹塑工艺加工薄膜制品，典型制品包括但不限于超市购物袋、各种垃圾袋、服装包装袋、工业品包装等。

Ecoworld®PBAT is a kind of biodegradable aliphatic - aromatic copolymers launched by RUI TUO FENG . After modified, it can be applied to blown film process. Typical products include but not limited to supermarket shopping bags, various garbage bags, garment bags, industrial packaging, etc.

STAVIAN®

包装

Packaging:

- 可提供25KG/包铝塑包装
- 可提供750KG/包铝塑包装
- 25kg /bag, liner: PE/Alu
- 750kg /bag, liner: PE/Alu

储存 Storage:

运输和储存途中温度不能超过55℃，在室温23℃条件下，未开封的产品建议存放时间不超过12个月。

During transportation and storage, the temperature should not exceed 55℃.

Storage time of unopened products may not surpass 12 month at room temperature 23℃.

货架期 Shelf-life:

颗粒: Ecoworld®PBAT 开封后建议即时全部使用，如无法用完，建议用后马

上再次密封，并尽快使用。

For granules: Ecoworld®PBAT is recommended to be used immediately after package opened. If customers need to open bags and use them partially, once package opened, we recommend to seal again properly and use it up as soon as possible.

Typical Basic Material Properties of Ecoworld®PBAT

Ecoworld®PBAT的典型基本性能

Property 性能	Unit 单位	Test Method 测试方法	Ecoworld®PBAT 爱柯沃德®PBAT
密度 Mass Density	g/cm ³	ISO 1183	1.23±0.02
硬度 Hardness	HA	ISO 868	90±2
拉伸强度 Tensile Strength	Mpa	ISO 527	≥22
断裂伸长率 Elongation At Break	%	ISO 527	≥600
缺口冲击强度 Notched Impact Strength	KJ/m ²	ISO 179	≥20
熔融指数 Melt Flow Rate MFR 190°C, 2.16kg	g/10 min	ISO 1133	≤5
熔点 Melting Points	°C	ISO3146	121±2
维卡软化点 Vicat Softening Temperature/A50	°C	ISO 306	94±1
热分解温度 Thermal Decomposition Temperature	°C	ASTM D6370	360
水份 Moisture	%	ISO 15512	≤0.1
灰分 Ash Content	%	ISO 3451	≤0.1