

PBAT 聚己二酸/对苯二甲酸丁二酯 Poly (butyleneadipate-co-terephthalate)

产能Capacity: 30万吨/年 300,000MT/YEAR
生产单位Factory: 湖北宣化降解新材料有限公司

产品用途 Application

有较好的延展性和断裂伸长率，也有较好的耐热性和冲击性能；此外，还具有优良生物降解性，是生物降解塑料研究中非常活跃和市场应用最好降解材料之一。广泛用于包装袋、购物袋、农用地膜。

It has excellent ductility and breaking elongation with high heat resistance and impact properties. In addition, it also performs well in biodegradability that it is widely used in the research of biodegradable plastics and become one of the best degradable materials in the market. It is also used in packaging bags, shopping bags and agricultural plastic films.

产品技术指标 Specifications

项目Items	单位Unit	标准Standard
外观Appearance	□	ivory oval particle
密度Density, 25°C	g/cm ³	1.25 ± 0.03
熔点Melting Point	°C	110~120
熔体质量流动速率 Melt flow rate	g/10min (190°C, 2.16kg)	10Max
酸值Carboxyl Content	mol/t	30 Max
含水量Moisture content	%	0.1Max
色值 Color value	L-value	70 Min
	A-value	0-5
	B-value	10 Max
拉伸强度Tensile strength	MPa	18-20
断裂伸长率 Break elongation	%	500-700
灰份Ashes	%	0.1 max

产品名称 Product

名称: 聚己二酸/对苯二甲酸丁二酯
Name: Poly (butyleneadipate-co-terephthalate)

物质性质 Properties

结构式 Structural formula



CAS NO. 55231-08-8

物理化学性质 Physical Chemistry Properties

密度 (20°C): 1.26g/cm ³	熔点: 110-115°C (DSC, 10K/min)
Density (20°C)	Melting Point
热分解温度: 350°C (TGA, 10K/min)	形态: 颗粒
Thermal Decomposition Temperature	Morphology: Particle
气味: 无味	PH值: 7
Smell: Tasteless	PH Value
水溶性: 不溶	闪点: >550°C
Water Solubility: Insoluble	Flash Point
自然点: 470°C	
Spontaneous Ignition Temperature	