

PBAT resin, full name: polybutylene adipate-terephthalate. It is milky white or light-yellow white particles, odorless and tasteless. Dawn Group has completed the construction of a 60,000-ton/year plant, and successfully tested it in March 2023. The products are exported to Italy, Germany, the Netherlands, India, Vietnam, Australia, South Korea, Central America and other countries and regions, and the product quality has been recognized by customers.

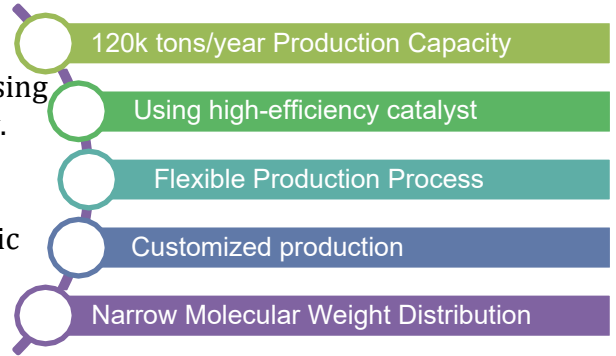
### ➤ Typical Data

Item	Test Method	Unit	DAWNECO-0101
Mass Density	ISO 1183	g/cm <sup>3</sup>	1.23
MFR 190°C, 2.16kg	ISO 1133	g/10 min	3.5
Melting Point	ISO 11357	°C	120
Vicat VST A/50	ISO 306	°C	80
Tensile Strength	ISO 527	Mpa	20
Elongation at Break	ISO 527	%	500
Moisture	/	%	0.06

- Attention: Above values are only typical performance values, not as product performance limits.
- Package: 25kg/bag or 800kg/bag.

### ➤ Features

Good toughness, high tear resistance, wide processing temperature window, good film-forming property. It is very suitable for blow molding, casting, and flow coating into films, and can be processed and formed on various general-purpose ordinary plastic film-forming equipment. It can be completely decomposed into carbon dioxide and water by microorganisms under certain conditions such as composting, seawater and other natural environments, which is a completely biodegradable material and most suitable for film products.



### ➤ Application

It is mainly used in the production of disposable plastic bags, plastic tableware, express packaging, agricultural mulch film, medical supplies, agriculture, forestry, animal husbandry and fishery, etc. It is one of the best fully biodegradable materials currently in the market.

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### ➤ Advantages

Dawn has all important biodegradation certification certificate issued by DIN CERTCO, American BPI, Australian ABA and other international authoritative organizations; Dawn biodegradation synthesis device is currently the largest production capacity of a single equipment in China.

