



Unilong Industry Co., Ltd

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Product name: PBAT

CAS: 55231-08-8

Raw material: BDO (1,4-butanediol), PTA (terephthalic acid) Adipic Acid

Application: shopping bags mulching films paper coating labels other package materials

Typical Property	Unit	Result
Density	g/cm ³	1.21
MFR 190C,2160g	g/10min	2.5~4.5
Melting Point	°C	116~ 122
Vicat A/50	°C	≥80
Tensile Strength	MPa	≥25
Elongation	%	≥400
Moisture	%	≤0.06

Storage

Temperatures during transportation and storage should not exceed 70 °C. Keep resin in dry and ventilated warehouse to prevent moisture. Avoid contacting with soil, water and sludge, and exposing to direct sunlight and extreme temperature. The maximum shelf life is 2 years in ambient temperature of 23°C if the package has been tightly sealed.

Drying

It is recommended to pre-dry the material prior to getting the best processing performance. If the moisture of the resin is less than 0.3% pre-drying may not be needed. Typical drying conditions: 2 hours at 80°C (175°F).