

Technical Data Sheet

Name: Biomaterials for film

Type designnation:TC-BF75

Component: PBAT、Corn starch.

Resin: Nature white resin.

Features:

1、100% compostable and biodegradable. EN13432, ASTM6400 and Home compost certified.

2、No phthalate, no bisphenol A, non-toxic and pollution-free.

| Items | Standard | Unit | result |
|--------------------------|------------------|----------------------------|----------|
| Density | ISO1183 | g/cm ³ | 1.2~1.23 |
| Melting Point | DSC, 10°C/min | °C | 120-135 |
| Melt Flow index | ISO1133 | g/10min (190 °C,2.16kg) | ≤8 |
| Tensile Strength (MD) | ISO527 | MPa | ≥20 |
| Tensile Strength (TD) | ISO527 | MPa | ≥16 |
| Elongation at Break (MD) | ISO527 | % | ≥200 |
| Elongation at Break (TD) | ISO527 | % | ≥300 |