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BIONEX TB-10 STC Bio-compostable Compound

Biodegradable and compostable polymer resin compound designed for extrusion processing. Typical applications are drinking straws, stirring rods and cast sheets for thermoforming. TB series compounds are engineered for high performance and can be used as-received on conventional manufacturing equipment.

Product description: TB-10 STC Bio-compostable resins are compounded with mineral powders which helps provide strength and retain full compostability. Intended to be used with straw extrusion machines and cast film machines.

Preparations: It is recommended to pre-dry the material before use at 70°C during 2-3 hours.

Technical data:

Properties (Units)	TB-10 STC	Test method
Polymer carrier	PLA/PBAT	N/A
Density (g/cm ³)	1.29	ASTM D 792
Melt flow index, 190C/2.16kg (g/10min)	4.3	ASTM D 1328
Bulk density (g/cm ³)	0.82	Internal method

Standard packaging: TB-10 STC Bio-compostable compounds will be delivered in 25kg PE bags. All packagings includes barrier layer to prevent moisture uptake. Product will be arranged on top of wooden pallets for handling.

Storage instruction: Prevent contact with soil, water and avoid exposure to direct sunlight and extreme temperature. Unopened, well packaged bags should be used within 6 months under good storage condition and ambient temperature of 23°C.

Revision (DD.MM.YYYY): 10.02.2023

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