

282 Moo 2 Phraek Sa Mai, Amphoe Mueang
Samut Prakan, Samut Prakan 10280, Thailand
Tax ID : 0115559016356
Website: Unique-polymer.com

BO-0101 Biocompostable Compounds

Compostable polymer blends designed for polymer processing. BO-series compounds will provide high mechanical properties to your products. The compounds are engineered for high performance and can be used as-received on conventional manufacturing equipment.

Product description: BO-series biocompostable resins are compounded with no fillers. Intended to be used on the outer layer of multi-layers blown film extrusion process.

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

Technical data:

Properties (Units)	Typical values	Test method
Density (g/cm ³)	1.20	ASTM D 792
Melt flow index, 190C/2.16kg (g/10min)	5.0	ASTM D 1328
Tensile strength at break, MD (MPa)	>32	ASTM D 882
Tensile strength at break, TD (MPa)	>20	ASTM D 882
Elongation at break, MD (%)	>300	ASTM D 882
Elongation at break, TD (%)	>450	ASTM D 882

Remark: Tested on films with thickness of 25µm, BUR 2.5

Standard packaging: BO 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 12 months under good storage condition and ambient temperature of 23°C.

Revision (DD.MM.YYYY): 25.05.2022

Disclaimer: This information is offered solely for your consideration and verification and should not be construed as a warranty of representation for which Unique Polymer assumes legal liability, except to the extent that such liability is imposed by legislation and cannot be excluded. Values quoted are the results of tests on representative samples and the product supplied may not conform in all respects. Unique Polymer reserves the right to make any improvements or amendments to the composition or any grade or product without alteration to the product code. In using Unique Polymer's products you must establish for yourself the most suitable formulation, production method and control tests to ensure the uniformity and quality of your product is in compliance with all laws.