

LONGLITE® PBAT BT02-203

 Chang Chun Plastics Co., Ltd. (CCP Group) - *Thermoplastic Polyester*
General Information
Product Description

PBAT Compound BT02-203 is a biodegradable polyester for blown film extrusion.

General

Material Status	• Commercial: Active
Availability	• Asia Pacific • Europe • North America
Additive	• Mold Release
Features	• Biodegradable
Forms	• Pellets
Processing Method	• Blown Film

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.25	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.5	g/10 min	ISO 1133
Water Absorption (Equilibrium, 73°F, 50% RH)	0.20	%	ISO 62
Films	Nominal Value	Unit	Test Method
Tensile Modulus			ISO 527-3
MD	3770	psi	
TD	14500	psi	
Tensile Stress			ISO 527-3
MD : Break	3770	psi	
TD : Break	2900	psi	
Tensile Elongation			ISO 527-3
MD : Break	300	%	
TD : Break	570	%	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ²	311	°F	ISO 11357-3

Processing Information

Extrusion	Nominal Value	Unit
Suggested Max Moisture	0.040	%
Melt Temperature	320 to 392	°F

Notes
¹ Typical properties: these are not to be construed as specifications.

² 10°C/min
