LONGLITE® PBAT BT62-203

Chang Chun Plastics Co., Ltd. (CCP Group) - *Thermoplastic Polyester*

General Information

Product Description

PBAT Compound BT62-203 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/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0	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	58000	psi	
TD	87000	psi	
Tensile Stress			ISO 527-3
MD : Break	5800	psi	
TD : Break	3920	psi	
Tensile Elongation			ISO 527-3
MD : Break	150	%	
TD : Break	300	%	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Melting Temperature [2]	> 257	°F	ISO 11357-3

Processing Information

Extrusion	Nominal Value	Unit
Suggested Max Moisture	0.040	%
Melt Temperature	284 to 320	°F

Notes

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

[2] 10°C/min