

Corbion Purac Blend A High Heat Homopolymer PLA

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic , Polylactic Acid (PLA) Biopolymer

Material Notes:

Heat resistance higher than typical PLA is achieved by addition of a nucleating agent and PDLA homopolymer. Data is for samples produced from Puralact L and D lactide monomers; Purac also produces high stereo optical purity lactide monomers. PLA is 100% biobased and is both recyclable and compostable. PLA can be used in a broad range of applications from molded plastic parts to textiles, foams, and films. Information provide by Corbion.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Corbion-Purac-Blend-A-High-Heat-Homopolymer-PLA.php

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength	45.0 MPa	6530 psi	
Elongation at Break	5.0 %	5.0 %	
Tensile Modulus	3.00 GPa	435 ksi	
Charpy Impact, Notched	0.500 J/cm ²	2.38 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	105 °C	221 °F	HDT B flatwise

Processing Properties	Metric	English	Comments
Melt Temperature	190 - 220 °C	374 - 428 °F	pre-drying required
Mold Temperature	80.0 - 100 °C	176 - 212 °F	

Descriptive Properties	Value	Comments
Clarity	No	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China