

Ingeo™ 6252D

Polylactic Acid

NatureWorks® LLC

Message:

Ingeo biopolymer 6252D, a NatureWorks LLC product, is a thermoplastic fiber-grade resin derived from annually renewable resources. Available in lubricated pellet form, 6252D is designed for meltblown products using conventional as well as high pressure die meltblown equipment. Ingeo biopolymer 6252D can be converted into a broad range of fiber products. See table at right for typical polymer properties.

Potential applications for Ingeo biopolymer 6252D include:

Wipes
Geotextiles
Hospital garments
Absorbent pad liners
Personal hygiene products
Agriculture/horticultural products
Filtration products

General Information			
Additive	Lubricant		
Features	Comstable		
	Updatable resources		
	Lubrication		
	Biodegradable		
	Compliance of Food Exposure		
Uses	Geo Membranes		
	Meltblown Nonwovens		
	Textile applications		
	Filter material		
	Agricultural application		
	Bathroom products		
	Fabric		
Agency Ratings	ASTM D 6400		
	EN 13432		
	FDA Food Exposure, Not Rated		
	Europe 10/1/2011 12:00:00 AM		
	European 2002/72/EC		
Forms	Particle		
Processing Method	Meltblown Nonwovens		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (210°C/2.16 kg)	70 - 85	g/10 min	ASTM D1238

Relative Viscosity	2.50	Internal method	
Denier - per filament ¹	1.00 - 2.00		
Fabric Weight	various		
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	55.0 - 60.0	°C	ASTM D3417
Peak Crystallization Temperature (DSC)	155 - 170	°C	ASTM D3418
Fill Analysis	Nominal Value	Unit	
Melt Density (230°C)	1.08	g/cm ³	
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0 - 6.0	hr	
Suggested Max Moisture	< 5.0E-3	%	
Melt Temperature	220 - 245	°C	
Extrusion instructions			
L/D Ratio: 24:1 to 30:1 Compression Ratio: 3:1			
NOTE			
1.	g/9000m		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT