

# Ingeo™ 10361D

Polylactic Acid

NatureWorks® LLC

## Message:

Ingeo biopolymer 10361D, a NatureWorks LLC product, is a thermoplastic binder or adhesive-grade resin derived from annually renewable resources. Available in pellet form, 10361D is designed for use as a binder or adhesive component in formulated products where an amorphous/low melting, high-flow resin is desired. Ingeo biopolymer 10361D can be utilized in a broad range of binder or adhesive products.

Potential applications for Ingeo biopolymer 10361D include:

Binder for inorganic pigments, dyes or colorant products for plastics, paints and coatings or printing applications.

Binders for bonding cellulosic materials or natural fibers.

Components or base for adhesive formulations for hot-melts, emulsions or dispersions.

General Information			
Features	Comstable		
	Updatable resources		
Uses	Adhesive		
	Adhesive		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (210°C/2.16 kg)	70 - 85	g/10 min	ASTM D1238
Relative Viscosity	2.50		
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	55.0 - 60.0	°C	ASTM D3417
Fill Analysis	Nominal Value	Unit	
Melt Density (230°C)	1.08	g/cm <sup>3</sup>	

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