

# LACTEL® L-PLA

Polylactic Acid

DURECT Corporation

## Message:

L-PLA = poly(L-lactide)

Materials available:

B6002-2: Inherent Viscosity - 0.90 to 1.20 IV

This product is soluble in dichloromethane, chloroform, and hexafluoroisopropanol.

General Information		
Features	Biodegradable	
	Renewable Resource Content	
Forms	Pellets	
Physical	Nominal Value	Unit
Specific Gravity	1.24	g/cm <sup>3</sup>
Viscosity Number	90.0 to 120	cm <sup>3</sup> /g
Mechanical	Nominal Value	Unit
Tensile Modulus	2760 to 4140	MPa
Tensile Strength	55.2 to 82.7	MPa
Tensile Elongation (Break)	5.0 to 10	%
Thermal	Nominal Value	Unit
Glass Transition Temperature	60.0 to 65.0	°C
Peak Crystallization Temperature (DSC)	173 to 178	°C
Additional Information	Nominal Value	Unit
Approx. Resorption	> 2	yr

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## Recommended distributors for this material

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