

# LACTEL® DL-PLA

Polylactic Acid

DURECT Corporation

## Message:

DL-PLA = poly(DL-lactide)

Materials available:

B6005-1: Inherent Viscosity - 0.26 to 0.54 IV

B6005-2: Inherent Viscosity - 0.55 to 0.75 IV

B6014-1: Inherent Viscosity - 0.15 to 0.25 IV

B6014-2: Inherent Viscosity - 0.55 to 0.75 IV

This product is soluble in dichloromethane, tetrahydrofuran, ethyl acetate, chloroform, hexafluoroisopropanol, and acetone.

General Information		
Features	Amorphous	
	Biodegradable	
	Renewable Resource Content	
Forms	Pellets	
Physical	Nominal Value	Unit
Specific Gravity	1.25	g/cm <sup>3</sup>
Viscosity Number	55.0 to 75.0	cm <sup>3</sup> /g
Mechanical	Nominal Value	Unit
Tensile Modulus	1380 to 2760	MPa
Tensile Strength	27.6 to 41.4	MPa
Tensile Elongation (Break)	3.0 to 10	%
Thermal	Nominal Value	Unit
Glass Transition Temperature	50.0 to 60.0	°C
Additional Information	Nominal Value	Unit
Approx. Resorption	1	yr
Crystalline Melt Transition	Amorphous	

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## Recommended distributors for this material

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WECHAT