

# LACTEL® PCL

Polycaprolactone

DURECT Corporation

## Message:

PCL = poly( $\epsilon$ -caprolactone)

Materials available:

B6003-1: Inherent Viscosity - 0.65 to 0.85 IV

B6003-2: Inherent Viscosity - 1.00 to 1.30 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	1.11	g/cm <sup>3</sup>
Viscosity Number	100 to 130	cm <sup>3</sup> /g
Mechanical	Nominal Value	Unit
Tensile Modulus	207 to 345	MPa
Tensile Strength	20.7 to 34.5	MPa
Tensile Elongation (Break)	300 to 500	%
Thermal	Nominal Value	Unit
Glass Transition Temperature	-65.0 to -60.0	°C
Peak Crystallization Temperature (DSC)	58.0 to 63.0	°C
Additional Information	Nominal Value	Unit
Approx. Resorption	> 2	yr

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## Recommended distributors for this material

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