

LACTEL® 50:50 DL-PLG

Polylactic Acid

DURECT Corporation

Message:

DLG = poly(DL-lactide-co-glycolide)

Materials available:

B6017-1: Inherent Viscosity - 0.15 to 0.25 IV

B6010-1: Inherent Viscosity - 0.26 to 0.54 IV

B6010-2: Inherent Viscosity - 0.55 to 0.75 IV

B6010-3: Inherent Viscosity - 0.76 to 0.94 IV

B6010-4: Inherent Viscosity - 0.95 to 1.20 IV

B6013-1: Inherent Viscosity - 0.15 to 0.25 IV

B6013-2: 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	1.34	g/cm ³
Viscosity Number	55.0 to 75.0	cm ³ /g
Mechanical	Nominal Value	Unit
Tensile Modulus	1380 to 2760	MPa
Tensile Strength	41.4 to 55.2	MPa
Tensile Elongation (Break)	3.0 to 10	%
Thermal	Nominal Value	Unit
Glass Transition Temperature	45.0 to 50.0	°C
Additional Information	Nominal Value	Unit
Approx. Resorption	1.0 to 2.0	month
Crystalline Melt Transition	Amorphous	

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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



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