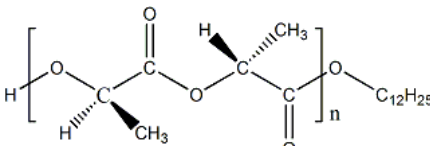
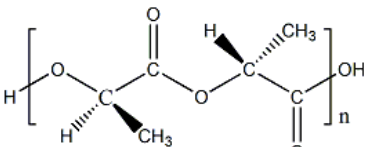




## Product data sheet

### 聚 D-丙交酯 Poly(D-lactic acid)(PDLA)

**Description** Poly(D-lactide) is a kind of biodegradable materials and with good bio resorbability and biocompatibility. Poly(D-lactide) is currently widely used in many fields, such as the absorbable suture, bone screw, dermal fillers, cosmetics, microspheres for drug delivery etc.

<b>Physical-chemical properties</b>	Chemical name	Poly(D-lactide), Poly(D-lactic acid), D-poly lactide	
	CAS Registry number	106989-11-1	
	Chemical structure	Molecular formula	
		$\text{H} \left[ \text{C}_6\text{H}_8\text{O}_4 \right]_n \text{OC}_{12}\text{H}_{25}$	
		$\text{H} \left[ \text{C}_6\text{H}_8\text{O}_4 \right]_n \text{OH}$	

Parameter	Item	Test Method	Specification
	Appearance	Visual	White, pale yellow powder
	Inherent viscosity	Ubbelohde viscometer	0.30-1.75 dl/g
	Residual Solvent	Gas Chromatography	≤0.5%
	Heavy Metal	Chemical Reagent	≤10 ppm
	Sulphated Ash	Sulfuric Acid	≤0.1%
For each batch a certificate of analysis is provided, showing the analytical data determined in our quality control laboratory. Additional analytical data can be made upon request.			

**Packaging** 100g/500g/1Kg per aluminum foil bag

**Recommend storage** Stored in a cool and dry place without sunlight, a refrigerator is recommended. Temperatures (2-8°C)

**Shelf life** When stored in the original packaging at low temperatures (2-8°C), PDLA keeps its initial properties for at least two years.

Product catalogue	Model	IV Range dl/g	Mv Range (ten thousand)
	PD-05	0.30-0.75	0.6-2.0
	PD-10	0.75-1.25	2.0-4.0
	PD-15	1.25-1.75	4.0-6.4