



## TECHNICAL DATA SHEET PLA 201

### Product Description

201 polylactic acid is a polymer material synthesized from lactic acid produced by corn fermentation. It has good biodegradability and is suitable for the production of injection, sheet material, non-woven fabrics, staple fiber, filament.

### Physical Properties

Exterior	-	Crystalline white particle
Density	g/cm <sup>3</sup>	1.24
Moisture	%	≤0.05
Monomer Content	%	≤0.3
Melt Flow Index (190°C/2.16kg)	g/10min	30
D-Content	%	<1
Melting Point	°C	175
Glass Transition Temperature	°C	60
Tensile Strength	MPa	50
Elongation at Break	%	≤5

### Packaging

Packed in 850kg bags /900kg bags or 25kg small package, filled with nitrogen for protection.

### Storage Conditions

Store in a ventilated, dry warehouse. Away from fire, prevent direct sunlight, and do not stack in the open.

### Transportation

It is strictly forbidden to use sharp tools such as iron hooks during loading and unloading. During transportation, the goods must not be exposed to sunlight or rain, or mixed with sand, scrap metal, coal, etc., and not mixed with toxic, corrosive and flammable materials.