

Jamplast JPPLA

Polylactic Acid

Jamplast, Inc.

Message:

JPPLA is a thermoplastic resin intended for higher heat applications. Derived primarily from annually renewable resources, it is specifically designed for extrusion/thermoforming applications. JPPLA is opaque and processes easily on conventional extrusion and thermoforming, and injection equipment.

General Information	
Features	Biodegradable
	High Heat Resistance
	Renewable Resource Content
Uses	Bottles
	Cups
	Food Containers
	Food Service Applications
Appearance	Opaque
Forms	Pellets
Processing Method	Extrusion
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	62.1	MPa	
Break	55.8	MPa	
Tensile Elongation (Break)	3.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	20	J/m	ASTM D256
Extrusion	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.025	%	
Adapter Temperature	199	°C	
Melt Temperature	193	°C	
Die Temperature	199	°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

