

RTP 2099 X 126211 Z

Polylactic Acid

RTP Company

Message:

FDA Compliant Ingredients - Impact Modified - Transparent - 89% Renewable Resource Content

General Information			
Features	Impact modification		
	Updatable resources		
RoHS Compliance	Contact manufacturer		
Appearance	Clear/transparent		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Moisture Content	0.020	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	46.2	MPa	ASTM D638
Tensile Elongation (Yield)	3.0 - 6.0	%	ASTM D638
Flexural Modulus	3030	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	43	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	530	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	51.1	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	48.9	°C	
Drying Time	2.0 - 6.0	hr	
Dew Point	-40.0	°C	
Processing (Melt) Temp	171 - 188	°C	
Mold Temperature	10.0 - 23.9	°C	
Injection Pressure	55.2 - 103	MPa	
Injection instructions			

Desiccant Type Dryer Required.

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.

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

