

Ecodear® V751X52

Polylactic Acid
Toray Resin Company

Message:

Ecodear® V751X52 is a Polylactic Acid (PLA) product. It can be processed by extrusion and is available in Asia Pacific, Europe, or North America.
Characteristics include:
Flame Rated
Eco-Friendly/Green

General Information			
UL YellowCard	E41797-100156782		
Features	Renewable Resource Content		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.11	g/cm ³	
Melt Mass-Flow Rate (MFR)	16	g/10 min	ISO 1133
Molding Shrinkage	0.40 to 0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (23°C)	52.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	10	%	ISO 527-2
Flexural Modulus (23°C)	2200	MPa	ISO 178
Flexural Stress (23°C)	70.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	24	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (-40°C)	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	81.0	°C	ISO 75-2/B
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94
NOTE			
1.	Sink-float Method		

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Recommended distributors for this material

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