

Eco-Solutions GP82W

Biodegradable Polymers
MINIMA Technoloy Co. Ltd.

Message:

Eco-Solutions GP82W is a Biodegradable Polymers (Biodeg Polymers) material. It is available in Asia Pacific, Europe, or North America for injection molding. Primary attribute of Eco-Solutions GP82W: Eco-Friendly/Green.
Typical applications include:
Fabrics/Fibers
Film

General Information			
Features	Biodegradable		
	Compostable		
Uses	Film		
	Monofilaments		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	JIS K7112
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	JIS K7210
Molding Shrinkage			Internal Method
Flow	0.80	%	
Across Flow	0.50	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	65		JIS K7202
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			JIS K7113
Yield	20.0	MPa	
Break	25.0	MPa	
Tensile Elongation (Break)	550	%	JIS K7113
Flexural Modulus	300	MPa	JIS K7203
Flexural Strength	20.0	MPa	JIS K7203
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	35	kJ/m ²	JIS K7110
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	66.0	°C	JIS K7207
Melting Temperature	86.0	°C	JIS K7121

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Recommended distributors for this material

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