

Eco-Solutions GP95T

Biodegradable Polymers

MINIMA Technology Co. Ltd.

Message:

Eco-Solutions GP95T is a Biodegradable Polymers (Biodeg Polymers) material filled with filler. It is available in Asia Pacific, Europe, or North America for injection molding.

Important attributes of Eco-Solutions GP95T are:

Eco-Friendly/Green

Heat Resistant

Typical application of Eco-Solutions GP95T: Sheet

General Information			
Filler / Reinforcement	Filler		
Features	Biodegradable		
	Compostable		
	Medium Heat Resistance		
Uses	Sheet		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.51	g/cm ³	JIS K7112
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	JIS K7210
Molding Shrinkage			Internal Method
Flow	0.80	%	
Across Flow	0.70	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		JIS K7202
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.0	MPa	JIS K7113
Tensile Elongation (Break)	5.0	%	JIS K7113
Flexural Modulus	1800	MPa	JIS K7203
Flexural Strength	50.0	MPa	JIS K7203
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	5.0	kJ/m ²	JIS K7110
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	98.0	°C	JIS K7207
Melting Temperature	110	°C	JIS K7121

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