

# Eco-Solutions GP335-13

Biodegradable Polymers  
MINIMA Technology Co. Ltd.

Message:

Eco-Solutions GP335-13 is a Biodegradable Polymers (Biodeg Polymers) material. It is available in Asia Pacific, Europe, or North America for injection molding.  
Important attributes of Eco-Solutions GP335-13 are:  
Eco-Friendly/Green  
Heat Resistant  
Typical application of Eco-Solutions GP335-13: Kitchenware

General Information			
Features	Biodegradable		
	Compostable		
	Medium Heat Resistance		
Uses	Disposable Tableware		
Appearance	White		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm <sup>3</sup>	JIS K7112
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	19	g/10 min	JIS K7210
Molding Shrinkage - Flow	0.85	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	93		JIS K7202
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			JIS K7113
Yield	32.8	MPa	
Break	22.8	MPa	
Tensile Elongation (Break)	5.7	%	JIS K7113
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	39	J/m	JIS K7110
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	89.4	°C	JIS K7207
Melting Temperature	145	°C	JIS K7121

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Recommended distributors for this material

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