

Eco-Solutions GP315-1

Biodegradable Polymers
MINIMA Technology Co. Ltd.

Message:

Eco-Solutions GP315-1 is a Biodegradable Polymers (Biodeg Polymers) material. It is available in Asia Pacific, Europe, or North America for blow molding, injection molding, or sheet extrusion.
Important attributes of Eco-Solutions GP315-1 are:
Eco-Friendly/Green
Heat Resistant
Typical application of Eco-Solutions GP315-1: Sheet

General Information			
Features	Biodegradable		
	Compostable		
	Medium Heat Resistance		
Uses	Blow Molding Applications		
	Sheet		
Appearance	White		
Processing Method	Blow Molding		
	Injection Molding		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	JIS K7112
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	11	g/10 min	JIS K7210
Molding Shrinkage - Flow	0.95	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	78		JIS K7202
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			JIS K7113
Yield	33.8	MPa	
Break	33.1	MPa	
Tensile Elongation (Break)	20	%	JIS K7113
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	77	J/m	JIS K7110
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	86.3	°C	JIS K7207
Melting Temperature	110	°C	JIS K7121

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