

MAJ'ECO EFRHW304RG BLANC 1367

Biodegradable Polymers

AD majoris

Message:

MAJ'ECO EFRHW304RG BLANC 1367 is a biodegradable polymer (Biodeg Polymers) product. It can be processed by injection molding and is available in Europe.

Features include:

- flame retardant/rated flame
- environmental protection/green

General Information			
Features	Updatable resources		
	Recyclable materials		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.45	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	8.0	g/10 min	ISO 1133
Molding Shrinkage (2.00 mm)	0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5180	MPa	ISO 527-2/1
Tensile Stress (Break)	49.0	MPa	ISO 527-2/50
Flexural Modulus ¹	4230	MPa	ISO 178
Flexural Stress ²	79.5	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	19	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	120	°C	ISO 75-2/B
1.8 MPa, not annealed	75.0	°C	ISO 75-2/A
Ball Pressure Test (110°C)	Pass		IEC 60335-1
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-2		UL 94
Glow Wire Flammability Index (2.00 mm)	850	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	4.0	hr	

Processing (Melt) Temp	140 - 180	°C
Mold Temperature	30.0 - 60.0	°C
Injection Rate	Moderate	

Injection instructions

Holding pressure: 50 to 70% of the injection pressure

NOTE

1. 2.0 mm/min
2. 50 mm/min

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Recommended distributors for this material

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