

MAJ'ECO EFRG150G - 1199

Biodegradable Polymers

AD majoris

Message:

MAJ'ECO EFRG150G-1199 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	1.30	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ISO 527-2/1
Tensile Stress (Break)	27.0	MPa	ISO 527-2/50
Flexural Modulus ¹	2370	MPa	ISO 178
Flexural Stress ²	52.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	30	kJ/m ²	ISO 179/1eU
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	V-2		UL 94
Glow Wire Flammability Index			IEC 60695-2-12
1.50 mm	725	°C	IEC 60695-2-12
2.00 mm	750	°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		

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Recommended distributors for this material

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