

MAJ'ECO EFR060BS 9445 WHITE 3

Biodegradable Polymers

AD majoris

Message:

MAJ'ECO EFR060BS 9445 WHITE 3 is a biopolymer compound intended for injection moulding.
MAJ'ECO EFR060BS 9445 WHITE 3 has been developed especially for demanding applications in various engineering sectors.

APPLICATIONS

Product such as:

Electrical parts

Technical components

General Information			
Features	Updatable resources		
	Recyclable materials		
Uses	Electrical components		
Appearance	White		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	17	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1360	MPa	ISO 527-2/1
Tensile Stress (Break)	22.0	MPa	ISO 527-2/50
Tensile Strain (Break)	6.8	%	ISO 527-2
Flexural Modulus ¹	1170	MPa	ISO 178
Flexural Stress	37.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.3	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	109	°C	ISO 75-2/B
Ball Pressure Test (125°C)	Pass		NF C 61-303
Flammability	Nominal Value	Unit	Test Method
Glow Wire Flammability Index			IEC 60695-2-12
1.00 mm	650	°C	IEC 60695-2-12
2.00 mm	650	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	

Processing (Melt) Temp	150 - 180	°C
Mold Temperature	30.0 - 50.0	°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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