

MAJ'ECO EFR010BS 9445 WHITE 3

Biodegradable Polymers

AD majoris

Message:

MAJ'ECO EFR010BS 9445 WHITE 3 is a biopolymer compound intended for injection moulding.
MAJ'ECO EFR010BS 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	1.21	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	11	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1680	MPa	ISO 527-2/1
Tensile Stress (Break)	32.0	MPa	ISO 527-2/50
Tensile Strain (Break)	4.5	%	ISO 527-2
Flexural Modulus ¹	1950	MPa	ISO 178
Flexural Stress	57.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	76	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Test Method	
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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

