

LNP™ THERMOCOMP™ EFB26ER compound

Polyether Imide

SABIC Innovative Plastics Europe

Message:

LNP THERMOCOMP EFB26ER is a compound based on Polyetherimide containing Glass Fiber, Glass Bead. Added features include: Easy Molding, Mold Release.

General Information			
Filler / Reinforcement	Glass Bead\Glass Fiber		
Additive	Mold Release		
Features	Good Moldability		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.61	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.20	%	Internal Method
Water Absorption (23°C, 24 hr)	0.27	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9000	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/5
Yield	156	MPa	
Break	153	MPa	
Tensile Strain			ISO 527-2/5
Yield	1.5	%	
Break	1.5	%	
Flexural Modulus ¹	10400	MPa	ISO 178
Flexural Stress	190	MPa	ISO 178
Flexural Strain at Break ²	1.9	%	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ³ (23°C)	6.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ⁴ (23°C)	25	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁵ (1.8 MPa, Unannealed, 64.0 mm Span)	206	°C	ISO 75-2/Af
CLTE			ISO 11359-2
Flow : 23 to 60°C	1.5E-5	cm/cm/°C	
Transverse : 23 to 60°C	3.5E-5	cm/cm/°C	
Injection	Nominal Value	Unit	
Drying Temperature	121 to 149	°C	
Drying Time	4.0 to 6.0	hr	
Suggested Max Moisture	0.020	%	

Rear Temperature	343 to 354	°C
Middle Temperature	354 to 366	°C
Front Temperature	366 to 377	°C
Processing (Melt) Temp	360 to 366	°C
Mold Temperature	121 to 149	°C
Back Pressure	0.344 to 0.689	MPa
Screw Speed	60 to 100	rpm

NOTE

1.	2.0 mm/min
2.	2 mm/min
3.	80*10*4
4.	80*10*4
5.	80*10*4 mm

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

