

LNP™ THERMOCOMP™ Noryl_PX2926

compound

Polyphenylene Ether + PS

SABIC Innovative Plastics Europe

Message:

LNP THERMOCOMP NORYL_PX2926 compound is a reinforced high modulus PPE+PS. 5VA rated at 2.5 in black and at 3.0 in gray.

General Information			
Filler / Reinforcement	Proprietary		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
	Grey		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	107	MPa	ASTM D638
Tensile Elongation ² (Break)	4.0	%	ASTM D638
Flexural Modulus ³ (100 mm Span)	8470	MPa	ASTM D790
Flexural Strength ⁴ (Yield, 100 mm Span)	141	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.40 mm)	110	°C	ASTM D648
RTI Elec	50.0	°C	UL 746
RTI Imp	50.0	°C	UL 746
RTI Str	50.0	°C	UL 746
Electrical	Nominal Value	Test Method	
Arc Resistance ⁵	PLC 6	ASTM D495	
Comparative Tracking Index (CTI)	PLC 4	UL 746	
High Amp Arc Ignition (HAI)	PLC 4	UL 746	
High Voltage Arc Tracking Rate (HVTR)	PLC 4	UL 746	
Hot-wire Ignition (HWI)	PLC 0	UL 746	
Flammability	Nominal Value	Test Method	
Flame Rating			UL 94
1.47 mm	V-1		
3.00 mm	V-0		

2.57 mm	5VA	
Injection	Nominal Value	Unit
Drying Temperature	104 to 110	°C
Drying Time	3.0 to 4.0	hr
Drying Time, Maximum	8.0	hr
Suggested Max Moisture	0.020	%
Suggested Shot Size	30 to 70	%
Rear Temperature	260 to 304	°C
Middle Temperature	271 to 310	°C
Front Temperature	282 to 316	°C
Nozzle Temperature	293 to 316	°C
Processing (Melt) Temp	293 to 316	°C
Mold Temperature	76.7 to 104	°C
Back Pressure	0.345 to 0.689	MPa
Screw Speed	20 to 100	rpm
NOTE		
1.	Type I, 5.0 mm/min	
2.	Type I, 5.0 mm/min	
3.	2.6 mm/min	
4.	2.6 mm/min	
5.	Tungsten Electrode	

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



WECHAT