LNP™ THERMOCOMP™ JF004P compound

Polyethersulfone

SABIC Innovative Plastics

Message:

LNP THERMOCOMP JF004P is a compound based on Polyethersulfone resin containing 20% Glass Fiber. Added features of this material include:
Exceptional Processing.
Also known as: LNP* THERMOCOMP* Compound JF-1004 EP
Product reorder name: JF004P

General Information			
UL YellowCard	E121562-101283893		
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Good Processability		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Molding Shrinkage - Flow (24 hr)	0.30	%	ASTM D955
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus [1]	7610	MPa	ASTM D638
Tensile Strength (Break)	120	MPa	ASTM D638
Tensile Elongation (Break)	2.2	%	ASTM D638
Flexural Modulus	7410	MPa	ASTM D790
Flexural Strength	172	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Unnotched Izod Impact (23°C)	500	J/m	ASTM D4812
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	207	°C	ASTM D648
Injection	**Nominal Value**	**Unit**	
Drying Temperature	121 to 149	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.050	%	
Rear Temperature	343 to 354	°C	
Middle Temperature	360 to 371	°C	
Front Temperature	371 to 382	°C	
Processing (Melt) Temp	354 to 371	°C	
Mold Temperature	138 to 149	°C	
Back Pressure	0.344 to 0.689	MPa	
Screw Speed	60 to 100	rpm	
NOTE			
1.	50 mm/min		

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