

Lupoy® GN5007FL

Polycarbonate + ABS

LG Chem Ltd.

Message:

Lupoy®GN5007FL is a polycarbonate acrylonitrile butadiene styrene (PC ABS) material. This product is available in North America, Latin America, Europe or Asia Pacific. The processing method is injection molding.

Lupoy®The main features of the GN5007FL are:

flame retardant/rated flame

Flame Retardant

high liquidity

Heat resistance

Halogen-free

Typical application areas include:

Electrical/electronic applications

House

General Information			
UL YellowCard	E67171-466891	E248280-100040983	E353371-101107276
Additive	Flame retardancy		
Features	High liquidity		
	Heat resistance, medium		
	Halogen-free		
	Flame retardancy		
Uses	Electrical/Electronic Applications		
	Electrical housing		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	30	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.50 - 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 3.20 mm)	61.8	MPa	ASTM D638
Tensile Elongation ² (Break, 3.20 mm)	100	%	ASTM D638
Flexural Modulus ³ (3.20 mm)	2300	MPa	ASTM D790
Flexural Strength ⁴ (3.20 mm)	100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	740	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.40 mm)	119	°C	ASTM D648
Vicat Softening Temperature	134	°C	ASTM D1525 ⁵
RTI Elec	95.0	°C	UL 746

RTI Imp	90.0	°C	UL 746
RTI	95.0	°C	UL 746
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	V-0		UL 94
3.00 mm	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	90.0 - 100	°C	
Drying Time	3.0 - 5.0	hr	
Rear Temperature	260 - 300	°C	
Middle Temperature	250 - 290	°C	
Front Temperature	250 - 270	°C	
Nozzle Temperature	260 - 290	°C	
Processing (Melt) Temp	270 - 300	°C	
Mold Temperature	60.0 - 90.0	°C	
Back Pressure	0.981 - 3.92	MPa	
Screw Speed	40 - 70	rpm	
Injection instructions			
Minimum Moisture Content: 0.02%			
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	10 mm/min		
4.	10 mm/min		
5.	标准 B (120°C/h), 载荷2 (50N)		

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

