

Lupol® HF3308C

Polypropylene

LG Chem Ltd.

Message:

Lupol® HF3308C is a Polypropylene material filled with 30% mineral. It is available in Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of Lupol® HF3308C are:

Good Weather Resistance

Impact Resistant

Typical applications include:

Automotive

Electrical/Electronic Applications

General Information			
UL YellowCard	E248280-322197	E302314-565167	E67171-248643
Filler / Reinforcement	Mineral,30% Filler by Weight		
Features	Good Weather Resistance		
	High Impact Resistance		
Uses	Automotive Applications		
	Automotive Interior Parts		
	Electrical/Electronic Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.70 to 0.90	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 3.20 mm)	24.5	MPa	ASTM D638
Tensile Elongation ² (Break, 3.20 mm)	50	%	ASTM D638
Flexural Modulus ³ (6.40 mm)	2840	MPa	ASTM D790
Flexural Strength ⁴ (6.40 mm)	40.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ⁵ (23°C)	52	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 3.20 mm)	135	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	70.0 to 80.0	°C	
Drying Time	3.0 to 4.0	hr	
Minimum Moisture Content	0.010	%	

Rear Temperature	190 to 210	°C
Middle Temperature	200 to 230	°C
Front Temperature	200 to 230	°C
Nozzle Temperature	210 to 230	°C
Processing (Melt) Temp	200 to 230	°C
Mold Temperature	40.0 to 60.0	°C
Back Pressure	29.4 to 58.8	MPa
Screw Speed	30 to 60	rpm

NOTE

1. 50 mm/min
2. 50 mm/min
3. 30 mm/min
4. 30 mm/min
5. 6.4 mm Notch Depth

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Recommended distributors for this material

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