

Lupoy® EU5000G

Acrylonitrile Styrene Acrylate + PC

LG Chem Ltd.

Message:

Lupoy® EU5000G is an Acrylonitrile Styrene Acrylate + PC (ASA+PC) material. It is available in Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of Lupoy® EU5000G are:

Heat Resistant

Low Gloss

Typical applications include:

Automotive

Appliances

General Information			
Features	Good Flow		
	High Heat Resistance		
	Low Gloss		
Uses	Appliances		
	Automotive Applications		
	Automotive Interior Parts		
	Automotive Interior Trim		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, 3.20 mm)	53.9	MPa	ASTM D638
Tensile Elongation ² (Break, 3.20 mm)	> 100	%	ASTM D638
Flexural Modulus ³ (6.40 mm)	2060	MPa	ASTM D790
Flexural Strength ⁴ (6.40 mm)	78.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C, 6.40 mm	110	J/m	
23°C, 6.40 mm	340	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.40 mm)	110	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 100	°C	

Drying Time	4.0 to 6.0	hr
Suggested Max Moisture	0.020	%
Rear Temperature	240 to 270	°C
Middle Temperature	245 to 275	°C
Front Temperature	245 to 275	°C
Nozzle Temperature	245 to 275	°C
Processing (Melt) Temp	250 to 275	°C
Mold Temperature	50.0 to 70.0	°C
Screw Speed	40 to 70	rpm

NOTE

- | | |
|----|-----------|
| 1. | 50 mm/min |
| 2. | 50 mm/min |
| 3. | 10 mm/min |
| 4. | 10 mm/min |

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Recommended distributors for this material

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