

General Information
Product Description

Description

Low Gloss, Heat Resistance, Good Flow

Application

Automotive (Interior)

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Latin America	
	• Europe	• North America	
Features	• Good Flow	• Good Heat Resistance	• Low Gloss
Uses	• Automotive Applications	• Automotive Interior Parts	
Processing Method	• Injection Molding		

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / 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 ² (Yield, 3.20 mm)	53.9	MPa	ASTM D638
Tensile Elongation ² (Break, 3.20 mm)	> 100	%	ASTM D638
Flexural Modulus ³ (3.20 mm)	2060	MPa	ASTM D790
Flexural Strength ³ (3.20 mm Span)	78.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C, 3.20 mm	110	J/m	
23°C, 3.20 mm	340	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, Unannealed, 6.40 mm	110	°C	

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	80 to 100	°C
Drying Time	4.0 to 6.0	hr
Minimum Moisture Content	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 to 70	°C

UL and the UL logo are trademarks of UL LLC © 2019. All Rights Reserved.

The information presented here was acquired by UL from the producer of the product or material or original information provider. However, UL assumes no responsibility or liability for the accuracy of the information contained on this website and strongly encourages that upon final product or material selection information is validated with the manufacturer. This website provides links to other websites owned by third parties. The content of such third party sites is not within our control, and we cannot and will not take responsibility for the information or content.

Lupoy® EU5000G

LG Chem Ltd. - Polycarbonate + ASA

Injection	Nominal Value	Unit
Screw Speed	40 to 70	rpm

Notes

¹ Typical properties: these are not to be construed as specifications.

² 50 mm/min

³ 10 mm/min