

Technical Data

Product Description

Lupoy® EU5001 is a Polycarbonate + ASA (PC+ASA) material. It is available in Asia Pacific, Europe, Latin America, or North America.

General

Material Status	• Commercial: Active	
Search for UL Yellow Card	• LG Chem Ltd. • Lupoy®	
Availability	• Asia Pacific • Europe	• Latin America • North America

Physical	Nominal Value Unit	Test Method
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	3.2 g/10 min	ISO 1133
Molding Shrinkage - Flow (3.20 mm)	0.50 to 0.70 %	ISO 294-4
Mechanical	Nominal Value Unit	Test Method
Tensile Stress (Yield)	53.0 MPa	ISO 527-2/50
Tensile Strain (Yield)	> 100 %	ISO 527-2/50
Flexural Modulus ²	2330 MPa	ISO 178
Flexural Stress ²	82.0 MPa	ISO 178
Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength (23°C)	56 kJ/m ²	ISO 180
Hardness	Nominal Value Unit	Test Method
Rockwell Hardness (R-Scale)	115	ISO 2039-2
Thermal	Nominal Value Unit	Test Method
Vicat Softening Temperature	133 °C	ISO 306/B50
Electrical	Nominal Value Unit	Test Method
Comparative Tracking Index (Solution A)	275 V	IEC 60112
Injection	Nominal Value Unit	
Drying Temperature	80 to 100 °C	
Drying Time	4.0 to 6.0 hr	
Suggested Max Moisture	0.020 %	
Rear Temperature	240 to 260 °C	
Middle Temperature	240 to 260 °C	
Front Temperature	245 to 265 °C	
Nozzle Temperature	245 to 260 °C	
Processing (Melt) Temp	240 to 270 °C	
Mold Temperature	60 to 80 °C	
Screw Speed	40 to 70 rpm	

Notes

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

² 2.0 mm/min

Where to Buy

Supplier**LG Chem Ltd.**

Englewood Cliffs, Englewood Cliffs USA

Telephone: 201-816-2302**Web:** <http://www.chemwide.com/>

Distributor**Channel Prime Alliance****Telephone:** 800-247-8038**Web:** <http://www.channelpa.com/>**Availability:** North America**Chase Plastic Services, Inc.***Chase Plastics Services is a North American distributor with representatives throughout the region. Please find your rep here: <http://www.chaseplastics.com/contact/locations>***Telephone:** 800-232-4273**Web:** <http://www.chaseplastics.com/>**Availability:** North America**Conventus Polymers****Telephone:** 973-343-7669**Web:** <http://www.conventuspolymers.com/>**Availability:** North America**Distrupol Ltd***Distrupol Ltd is a Pan European distribution company. Contact Distrupol Ltd for availability of individual products by country.***Telephone:** 08452003040**Web:** <http://www.distrupol.com/>**Availability:** Belgium, Denmark, Finland, Luxembourg, Netherlands, Norway, Sweden**Entec Polymers Latin America***Contact Entec Polymers for availability of individual products by country.***Web:** <https://www.entecpolymers.com/>**Availability:** Latin America**Resin Resource, Inc.****Telephone:** 877-652-3431**Web:** <http://www.resinresourceinc.com/>**Availability:** North America**RESINEX Group***RESINEX is a Pan European distribution company. Contact RESINEX for availability of individual products by country.***Telephone:** +32-14-672511**Web:** <http://www.resinex.com/>**Availability:** Europe**SNETOR***SNETOR is a Pan European distribution company. Contact SNETOR for availability of individual products by country.***Telephone:** +33-1-4904-8888**Web:** <http://www.snetor.com/>**Availability:** France, Italy