

Lupoy® GN5001RFS

Polycarbonate + ABS

LG Chem Ltd.

Message:

Lupoy® GN5001RFS is a Polycarbonate + ABS (PC+ABS) material. It is available in Asia Pacific, Europe, Latin America, or North America.

Important attributes of Lupoy® GN5001RFS are:

Flame Rated

Flame Retardant

Halogen Free

High Flow

Impact Resistant

Typical application of Lupoy® GN5001RFS: Housings

General Information			
UL YellowCard	E67171-248471		
Features	Flame Retardant		
	Halogen Free		
	High Flow		
	High Impact Resistance		
Uses	Housings		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	22	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	62.2	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2570	MPa	ASTM D790
Flexural Strength	95.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	490	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Annealed, 6.35 mm)	96.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	V-0		
2.00 mm	5VB		

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Recommended distributors for this material

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