

Lupoy® GN5301F

Polycarbonate + ABS

LG Chem Ltd.

Message:

Lupoy® GN5301F is a Polycarbonate + ABS (PC+ABS) material. It is available in Asia Pacific, Europe, Latin America, or North America. Primary attribute of Lupoy® GN5301F: Flame Rated.

General Information			
UL YellowCard	E302314-530045	E67171-248450	E248280-322212
	E248280-533897		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	4.5	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.10 to 0.30	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	122		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	118	MPa	ASTM D638
Tensile Elongation (Break)	7.0	%	ASTM D638
Flexural Modulus	7540	MPa	ASTM D790
Flexural Strength	168	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	83	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Annealed, 5.08 mm)	104	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	V-0		UL 94

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Recommended distributors for this material

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