

LNP™ STAT-LOY™ N30009 compound

Polycarbonate + ABS

SABIC Innovative Plastics

Message:

LNP STAT-LOY* N30009 is a compound based on PC+ABS Blend resin containing Flame Retardant. Added features include: Permanent Antistatic, Flame Retardant.
Also known as: LNP* STAT-LOY* Compound STATLOY-PCA-FR
Product reorder name: N30009

General Information			
Features	Antistatic property		
	Flame retardancy		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.25	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.50 - 0.70	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	45.0	MPa	ISO 527-2/5
Tensile Strain (Break)	> 10	%	ISO 527-2/5
Flexural Modulus ¹	1700	MPa	ISO 178
Flexural Stress	55.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ² (23°C)	15	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ³ (1.8 MPa, Unannealed, 64.0 mm Span)	100	°C	ISO 75-2/Af
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+9 - 1.0E+11	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.020	%	
Rear Temperature	210 - 230	°C	
Middle Temperature	210 - 221	°C	
Front Temperature	240 - 260	°C	
Nozzle Temperature	250 - 260	°C	
Processing (Melt) Temp	225 - 270	°C	

Mold Temperature	40.0 - 50.0	°C
Back Pressure	0.200 - 0.300	MPa
Screw Speed	30 - 60	rpm

NOTE		
1.	2.0 mm/min	
2.	80*10*4	
3.	80*10*4 mm	

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Recommended distributors for this material

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