

LNP™ STAT-LOY™ N30009 compound

Polycarbonate + ABS

SABIC Innovative Plastics

Message:

LNP STAT-LOY N30009 is a compound based on PC+ABS Blend resin. Added features of this material include: Antistat, Flame Retardant.

Also known as: LNP* STAT-LOY* Compound PCA-FR

Product reorder name: N30009

General Information			
UL YellowCard	E121562-101344698		
Additive	Antistatic		
Features	Antistatic		
	Flame Retardant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow : 24 hr	0.53 to 0.65	%	
Across Flow : 24 hr	0.53 to 0.65	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2150	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	55.0	MPa	
Break	49.0	MPa	
Tensile Elongation			ASTM D638
Yield	5.0	%	
Break	100	%	
Flexural Modulus	2150	MPa	ASTM D790
Flexural Strength	84.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	640	J/m	ASTM D256
Instrumented Dart Impact (23°C, Energy at Peak Load)	38.0	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	100	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+10 to 1.0E+12	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm, Testing by SABIC)	V-0		UL 94

Injection	Nominal Value	Unit
Drying Temperature	82.2	°C
Drying Time	4.0	hr
Suggested Max Moisture	0.020	%
Rear Temperature	199 to 210	°C
Middle Temperature	210 to 221	°C
Front Temperature	221 to 232	°C
Processing (Melt) Temp	199 to 232	°C
Mold Temperature	37.8 to 54.4	°C
Back Pressure	0.172 to 0.344	MPa
Screw Speed	30 to 60	rpm

NOTE

1. 50 mm/min

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Recommended distributors for this material

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