

Product Texts

LNP STAT-LOY N30009 compound is based on Polycarbonate/Acrylonitrile Butadiene Styrene (PC/ABS) blend containing proprietary fillers. Added features of this grade include: Permanently Anti-Static, Flame Retardant.

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	45	MPa	ISO 527
Strain at break	10	%	ISO 527
Flexural modulus	1700	MPa	ISO 178
Izod notched impact strength, +23°C, 4mm	15	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	100	°C	ISO 75-1/-2

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E12	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1250	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.02	%	-
Melt temperature	225 - 270	°C	-
Mold temperature	40 - 55	°C	-
Zone 1	210 - 230	°C	-
Zone 2	225 - 250	°C	-
Zone 3	240 - 265	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

Characteristics

Processing

Injection Molding

Additives

Flame retarding agent

Special Characteristics

Flame retardant

Regional Availability

Europe