

Product Texts

LNP STAT-LOY 93000LTH compound is based on Acrylic resin containing proprietary additives. Added features of this grade include: Permanently Anti-Static, Transparent and Healthcare.

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Modulus	1780	MPa	ASTM D 638
Tensile Strength at Break	40	MPa	ASTM D 638
Elongation at Break	7	%	ASTM D 638
Flexural Modulus	1470	MPa	ASTM D 790
Izod Impact notched, 1/8 in	40	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	667	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	66	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E11	Ohm	ASTM D 257
Volume Resistivity	1E11	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1150	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	70 - 80	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.1	%	-
Melt temperature	200 - 210	°C	-
Mold temperature	10 - 50	°C	-
Zone 1	180 - 195	°C	-
Zone 2	195 - 205	°C	-
Zone 3	205 - 215	°C	-
Screw speed	30 - 60	rpm	-
Back pressure	0.2 - 0.3	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Transparent