



LNP™ STAT-LOY™ Compound 93000LTH

Americas: COMMERCIAL

Also known as: LNP™ STAT-LOY™ Compound 93000LTH

Product reorder name: 93000LTH

LNP STAT-LOY 93000LTH is a compound based on Acrylic resin. Added features of this material include: Antistatic, Transparent and Formulation Locked.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, brk, Type I, 5 mm/min	400	kgf/cm ²	ASTM D 638
Tensile Strain, brk, Type I, 5 mm/min	7	%	ASTM D 638
Tensile Modulus, 5 mm/min	18200	kgf/cm ²	ASTM D 638
Flexural Stress, brk, 1.3 mm/min, 50 mm span	470	kgf/cm ²	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	14900	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	68	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	4	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	66	°C	ASTM D 648
PHYSICAL			
Specific Gravity	1.15	-	ASTM D 792
ELECTRICAL			
Volume Resistivity	1.E+09 - 1.E+11	Ohm-cm	ASTM D 257
Surface Resistivity	1.E+09 - 1.E+11	Ohm	ASTM D 257
Static Decay, 5000V to <50V	<1	< seconds	FTMS101B



LNP™ STAT-LOY™ Compound 93000LTH

Americas: COMMERCIAL

PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	70 - 80	°C
Drying Time	4	hrs
Maximum Moisture Content	0.05 - 0.1	%
Melt Temperature	200 - 210	°C
Front - Zone 3 Temperature	205 - 215	°C
Middle - Zone 2 Temperature	195 - 205	°C
Rear - Zone 1 Temperature	180 - 195	°C
Mold Temperature	10 - 50	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm