



LNP™ STAT-LOY™ Compound N30009

Europe-Africa-Middle East: COMMERCIAL

Also known as: LNP™ STAT-LOY™ Compound STATLOY-PCA-FR
Product reorder name: N30009

LNP STAT-LOY* N30009 is a compound based on PC+ABS Blend resin containing Flame Retardant. Added features include: Permanent Antistatic, Flame Retardant.

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, yield, 5 mm/min	45	MPa	ISO 527
Tensile Strain, break, 5 mm/min	>10	%	ISO 527
Flexural Stress, yield, 2 mm/min	55	MPa	ISO 178
Flexural Modulus, 2 mm/min	1700	MPa	ISO 178
IMPACT			
Izod Impact, notched 80*10*4 +23°C	15	kJ/m ²	ISO 180/1A
THERMAL			
HDT/Af, 1.8 MPa Flatw 80*10*4 sp=64mm	100	°C	ISO 75/Af
PHYSICAL			
Mold Shrinkage, flow (5)	0.5 - 0.7	%	SABIC Method
Density	1.25	g/cm ³	ISO 1183
ELECTRICAL			
Surface Resistivity	1.E+09 - 1.E+11	Ohm	ASTM D 257
FLAME CHARACTERISTICS			
UL Recognized, 94V-0 Flame Class Rating (3)	1.5	mm	UL 94



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	80	°C
Drying Time	4	hrs
Maximum Moisture Content	0.02	%
Melt Temperature	225 - 270	°C
Nozzle Temperature	250 - 260	°C
Front - Zone 3 Temperature	240 - 265	°C
Middle - Zone 2 Temperature	225 - 250	°C
Rear - Zone 1 Temperature	210 - 230	°C
Mold Temperature	40 - 55	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm