

LNP™ STAT-LOY™ M3000 compound

Polypropylene

SABIC Innovative Plastics

Message:

LNP STAT-KON M3000 is a compound based on Polypropylene resin. Added features of this material include: Antistat, High Impact.

Also known as: LNP* STAT-LOY* Compound MHI

Product reorder name: M3000

General Information			
Additive	Antistatic property		
Features	Antistatic property		
	Impact resistance, high		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1100	MPa	ISO 527-2/1
Tensile Stress			ISO 527-2/50
Yield	28.0	MPa	ISO 527-2/50
Fracture	8.00	MPa	ISO 527-2/50
Tensile Strain			ISO 527-2/50
Yield	7.4	%	ISO 527-2/50
Fracture	> 100	%	ISO 527-2/50
Flexural Modulus ¹	1200	MPa	ISO 178
Flexural Stress	34.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact ² (23°C)	10	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	No Break		ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁴ (1.8 MPa, Unannealed, 64.0 mm Span)	59.0	°C	ISO 75-2/Af
Linear thermal expansion coefficient			ISO 11359-2
Flow: 23 to 60°C	1.2E-4	cm/cm/°C	ISO 11359-2
Lateral: 23 to 60°C	1.5E-4	cm/cm/°C	ISO 11359-2
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+9 - 1.0E+12	ohms	ASTM D257
NOTE			
1.	2.0 mm/min		
2.	80*10*4		
3.	80*10*4		

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Recommended distributors for this material

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