

## SABIC Innovative Plastics LNP STAT-KON PX08024 PA 6 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 6

**Material Notes:**

LNP\* STAT-KON\* PX08024 is a compound based on PA 6 resin containing Mineral. Added features include; Electrically Conductive, Easy Molding.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-STAT-KON-PX08024-PA-6-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-PX08024-PA-6-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Density	1.31 g/cc	0.0473 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage, Flow	0.010 - 0.012 cm/cm	0.010 - 0.012 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	70.0 MPa	10200 psi	5 mm/min; ISO 527
Elongation at Break	2.0 - 3.0 %	2.0 - 3.0 %	5 mm/min; ISO 527
Tensile Modulus	4.80 GPa	696 ksi	1 mm/min; ISO 527
Flexural Yield Strength	105 MPa	15200 psi	2 mm/min; ISO 178
Flexural Modulus	4.20 GPa	609 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	6.00 kJ/m <sup>2</sup>	2.86 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	35.0 kJ/m <sup>2</sup>	16.7 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	76.0 Â°C	169 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

Electrical Properties	Metric	English	Comments
Surface Resistance	1000 ohm - 1e+05	1000 ohm - 1e+05	ASTM D257

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