

## SABIC Innovative Plastics LNP STAT-KON RFD03 PA 66 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 66

### Material Notes:

LNP\* STATKON\* RFD03 is a compound based on PA 66 resin containing Carbon Powder, Glass Fiber. Added features include: Electrically Conductive.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-STAT-KON-RFD03-PA-66-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-RFD03-PA-66-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Density	1.33 g/cc	0.0480 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage, Flow	0.0040 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	81.0 MPa	11700 psi	5 mm/min; ISO 527
Elongation at Break	0.90 %	0.90 %	5 mm/min; ISO 527
Flexural Strength	148 MPa	21500 psi	2 mm/min; ISO 178
Flexural Modulus	5.30 GPa	769 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	5.00 kJ/m <sup>2</sup>	2.38 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	25.0 kJ/m <sup>2</sup>	11.9 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	44.0 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$	24.4 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$	ISO 11359-2
	@Temperature 23.0 - 60.0 $\text{Å}^\circ\text{C}$	@Temperature 73.4 - 140 $\text{Å}^\circ\text{F}$	
CTE, linear, Transverse to Flow	83.0 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$	46.1 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$	ISO 11359-2
	@Temperature 23.0 - 60.0 $\text{Å}^\circ\text{C}$	@Temperature 73.4 - 140 $\text{Å}^\circ\text{F}$	
Deflection Temperature at 0.46 MPa (66 psi)	$\geq 220 \text{ Å}^\circ\text{C}$	$\geq 428 \text{ Å}^\circ\text{F}$	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa (264 psi)	148 $\text{Å}^\circ\text{C}$	298 $\text{Å}^\circ\text{F}$	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

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**