

## SABIC Innovative Plastics LNP STAT-KON UEF26AS PPA (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyphthalamide (PPA)

**Material Notes:**

LNP\* Stat-kon\* UEF26AS is a compound based on Polyphthalamide resin containing Glass Fiber, Carbon Fiber. Added features of this material include: Electrically Conductive.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-STAT-KON-UEF26AS-PPA-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-UEF26AS-PPA-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Density	1.41 g/cc	0.0509 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage, Flow	0.0010 - 0.0020 cm/cm	0.0010 - 0.0020 in/in	on Tensile Bar; SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	255 MPa	37000 psi	5 mm/min; ISO 527
Elongation at Break	1.3 %	1.3 %	5 mm/min; ISO 527
Flexural Strength	366 MPa	53100 psi	2 mm/min; ISO 178
Flexural Modulus	26.6 GPa	3860 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	8.00 kJ/m <sup>2</sup>	3.81 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	40.0 kJ/m <sup>2</sup>	19.0 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	8.40 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$	4.67 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$	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	47.0 $\mu\text{m}/\text{m}\cdot\text{Å}^\circ\text{C}$	26.1 $\mu\text{in}/\text{in}\cdot\text{Å}^\circ\text{F}$	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 1.8 MPa (264 psi)	271 $\text{Å}^\circ\text{C}$	520 $\text{Å}^\circ\text{F}$	Flatw 80*10*4 sp=64mm; ISO 75/Af

Electrical Properties	Metric	English	Comments
Surface Resistance	10 - 1000 ohm	10 - 1000 ohm	ASTM D257

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