

## SABIC Innovative Plastics LNP STAT-KON KD000EI Acetal Copolymer (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Unreinforced

### Material Notes:

LNP\* Stat-Kon\* KD000EI is a compound based on Acetal Copolymer resin containing Carbon Powder. Added features include: Electrically Conductive, Impact Modified.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-STAT-KON-KD000EI-Acetal-Copolymer-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-KD000EI-Acetal-Copolymer-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Density	1.42 g/cc	0.0513 lb/in <sup>3</sup>	ISO 1183
Water Absorption	1.0 % @Time 86400 sec	1.0 % @Time 24.0 hour	ISO 62-1
Linear Mold Shrinkage, Flow	0.021 cm/cm	0.021 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	34.0 MPa	4930 psi	5 mm/min; ISO 527
Elongation at Yield	7.9 %	7.9 %	5 mm/min; ISO 527
Tensile Modulus	1.70 GPa	247 ksi	1 mm/min; ISO 527
Flexural Yield Strength	45.0 MPa	6530 psi	2 mm/min; ISO 178
Flexural Modulus	1.70 GPa	247 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	7.00 kJ/m <sup>2</sup>	3.33 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	45.0 kJ/m <sup>2</sup>	21.4 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	78.0 Åµm/m-Å°C @Temperature 23.0 - 60.0 Å°C	43.3 Åµin/in-Å°F @Temperature 73.4 - 140 Å°F	ISO 11359-2
CTE, linear, Transverse to Flow	77.0 Åµm/m-Å°C @Temperature 23.0 - 60.0 Å°C	42.8 Åµin/in-Å°F @Temperature 73.4 - 140 Å°F	ISO 11359-2
Deflection Temperature at 0.46 MPa (66 psi)	123 Å°C	253 Å°F	Flatw 80*10*4 sp=64mm; ISO 75/Bf
Deflection Temperature at 1.8 MPa	67.0 Å°C	153 Å°F	Flatw 80*10*4 sp=64mm; ISO 75/ Af

<small>(264 psi)</small> Thermal Properties	Metric	English	Comments
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	UL 94 by SABIC-IP

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