

## SABIC Innovative Plastics LNP STAT-KON OE008A PPS - Branched

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

**Material Notes:**

LNP\* STAT-KON\* OE008A is a compound based on PPS - Branched resin containing 40% Carbon Fiber. Added feature of this grade is:  
Electrically Conductive.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-STAT-KON-OE008A-PPS-Branched.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-OE008A-PPS-Branched.php)

Physical Properties	Metric	English	Comments
Density	1.49 g/cc	0.0538 lb/in <sup>3</sup>	ASTM D792
Linear Mold Shrinkage, Flow	0.0010 - 0.0030 cm/cm @Thickness 3.20 mm	0.0010 - 0.0030 in/in @Thickness 0.126 in	SABIC Method
Linear Mold Shrinkage, Transverse	0.0060 - 0.0090 cm/cm @Thickness 3.20 mm	0.0060 - 0.0090 in/in @Thickness 0.126 in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	180 MPa	26100 psi	ASTM D638
Elongation at Break	0.90 %	0.90 %	ASTM D638
Flexural Strength	262 MPa	38000 psi	ASTM D790
Flexural Modulus	27.16 GPa	3939 ksi	ASTM D790
Izod Impact, Notched	0.370 J/cm	0.693 ft-lb/in	ASTM D256
Izod Impact, Unnotched	4.80 J/cm	8.99 ft-lb/in	ASTM D4812

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

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

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