

## SABIC Innovative Plastics LNP STAT-KON Noryl\_NC3508 PPE+HIPS (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polystyrene (PS)

### Material Notes:

PRELIMINARY DATA. LNP\* Stat-kon\* Noryl\_NC3508 compound is a 33% glass/mineral/carbon filled PPE+PS. ESD, high heat, tight tolerance: electronic packaging/chip trays.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-STAT-KON-NorylNC3508-PPEHIPS-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-STAT-KON-NorylNC3508-PPEHIPS-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.31 g/cc	1.31 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.00080 - 0.0018 cm/cm @Thickness 3.20 mm	0.00080 - 0.0018 in/in @Thickness 0.126 in	SABIC Method
Linear Mold Shrinkage, Transverse	0.00090 - 0.0019 cm/cm @Thickness 3.20 mm	0.00090 - 0.0019 in/in @Thickness 0.126 in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	119 MPa	17300 psi	Type I, 5 mm/min; ASTM D638
Tensile Strength, Yield	117 MPa	17000 psi	Type I, 5 mm/min; ASTM D638
Elongation at Break	4.5 %	4.5 %	Type I, 5 mm/min; ASTM D638
Elongation at Yield	1.5 %	1.5 %	Type I, 5 mm/min; ASTM D638
Flexural Modulus	9.65 GPa	1400 ksi	2.6 mm/min, 100 mm span; ASTM D790
	9.74 GPa	1410 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	0.420 J/cm	0.787 ft-lb/in	ASTM D256
Izod Impact, Unnotched	2.24 J/cm	4.20 ft-lb/in	ASTM D4812
Dart Drop, Total Energy	8.00 J @Temperature 23.0 Å°C	5.90 ft-lb @Temperature 73.4 Å°F	ASTM D3763

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	179 Å°C	354 Å°F	unannealed; ASTM D648

Thermal Properties	@Thickness 3.20 mm Metric	@Thickness 0.126 in English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	177 Å°C  @Thickness 3.20 mm	351 Å°F  @Thickness 0.126 in	unannealed; ASTM D648

Electrical Properties	Metric	English	Comments
Volume Resistivity	50000 ohm-cm	50000 ohm-cm	ASTM D257
Surface Resistance	1e+05	1e+05	ASTM D257
Static Decay	0.010 sec	0.010 sec	5000V to <50V; FTMS101B

## Contact Songhan Plastic Technology Co.,Ltd.

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