

## SABIC Innovative Plastics LNP THERMOCOMP ZX08309 PPE+HIPS (Asia Pacific)

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

**Material Notes:**

This material is mineral filled PPO grade with high dielectric constant and low loss tangent

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-ZX08309-PPEHIPS-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-ZX08309-PPEHIPS-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Density	1.66 g/cc	0.0600 lb/in <sup>3</sup>	ISO 1183
Linear Mold Shrinkage, Flow	0.0070 cm/cm @Time 86400 sec	0.0070 in/in @Time 24.0 hour	ASTM D955
Linear Mold Shrinkage, Transverse	0.0065 cm/cm @Time 86400 sec	0.0065 in/in @Time 24.0 hour	ASTM D955
Melt Index of Compound	11 g/10 min @Load 5.00 kg, Temperature 300 Â°C	11 g/10 min @Load 11.0 lb, Temperature 572 Â°F	MVR [cm <sup>3</sup> /10 min]; ISO 1133

Mechanical Properties	Metric	English	Comments
Flexural Strength	90.0 - 100 MPa	13100 - 14500 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	3.20 - 3.50 GPa	464 - 508 ksi	2 mm/min; ISO 178
Izod Impact, Notched	0.600 J/cm	1.12 ft-lb/in	ASTM D256

Electrical Properties	Metric	English	Comments
Dielectric Constant	4.4 - 4.6 @Frequency 1.00e+9 Hz	4.4 - 4.6 @Frequency 1.00e+9 Hz	ASTM ES 7-83
Dissipation Factor	0.0020 - 0.0040 @Frequency 1.10e+9 Hz	0.0020 - 0.0040 @Frequency 1.10e+9 Hz	ASTM ES 7-83

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

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