

## SABIC Innovative Plastics LNP THERMOCOMP EFB26ER PEI (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyetherimide (PEI)

### Material Notes:

LNP\* THERMOCOMP\* EFB26ER is a compound based on Polyetherimide containing Glass Fiber, Glass Bead. Added features include: Easy Molding, Mold Release.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-LNP-THERMOCOMP-EFB26ER-PEI-Europe-Africa-Middle-East.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-EFB26ER-PEI-Europe-Africa-Middle-East.php)

Physical Properties	Metric	English	Comments
Density	1.61 g/cc	0.0582 lb/in <sup>3</sup>	ISO 1183
Water Absorption	0.27 %	0.27 %	ISO 62-1
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.0020 cm/cm	0.0020 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	153 MPa	22200 psi	5 mm/min; ISO 527
Tensile Strength, Yield	156 MPa	22600 psi	5 mm/min; ISO 527
Elongation at Break	1.5 %	1.5 %	5 mm/min; ISO 527
	1.9 %	1.9 %	
Elongation at Yield	1.5 %	1.5 %	5 mm/min; ISO 527
Tensile Modulus	9.00 GPa	1310 ksi	1 mm/min; ISO 527
Flexural Strength	190 MPa	27600 psi	2 mm/min; ISO 178
Flexural Yield Strength	190 MPa	27600 psi	2 mm/min; ISO 178
Flexural Modulus	10.4 GPa	1510 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	6.00 kJ/m <sup>2</sup>	2.86 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	25.0 kJ/m <sup>2</sup>	11.9 ft-lb/in <sup>2</sup>	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	15.0 Åµm/m-Å°C	8.33 Åµin/in-Å°F	ISO 11359-2
	@Temperature 23.0 - 60.0 Å°C	@Temperature 73.4 - 140 Å°F	

Thermal Properties <i>CTE, linear, transverse to Flow</i>	35.0 Åum/m-Å°C Metric	19.4 Åuin/in-Å°F English	Comments ISO 11359-2
	@Temperature 23.0 - 60.0 Å°C	@Temperature 73.4 - 140 Å°F	
Deflection Temperature at 1.8 MPa (264 psi)	206 Å°C	403 Å°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

## Contact Songhan Plastic Technology Co.,Ltd.

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