

SABIC Innovative Plastics LNP THERMOCOMP OF008A PPS (Asia Pacific)

Category : Polymer , Thermoplastic , Polyphenylene Sulfide (PPS)

Material Notes:

LNP* Thermocomp* OF008A is a compound based on PPS - Branched resin containing Glass Fiber. This product is also known as Thermocomp* OF-1008.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-OF008A-PPS-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.68 g/cc	0.0607 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0020 cm/cm	0.0020 in/in	ASTM D955
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Transverse	0.0080 cm/cm	0.0080 in/in	ASTM D955
	@Time 86400 sec	@Time 24.0 hour	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	160 MPa	23200 psi	5 mm/min; ISO 527
	178 MPa	25800 psi	Type I, 5 mm/min; ASTM D638
Elongation at Break	1.2 %	1.2 %	5 mm/min; ISO 527
	1.7 %	1.7 %	Type I, 5 mm/min; ASTM D638
Flexural Yield Strength	190 MPa	27600 psi	2 mm/min; ISO 178
	248 MPa	36000 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	13.4 GPa	1940 ksi	2 mm/min; ISO 178
	14.26 GPa	2068 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	1.01 J/cm	1.89 ft-lb/in	ASTM D256
Izod Impact, Unnotched	5.87 J/cm	11.0 ft-lb/in	ASTM D4812
Izod Impact, Notched (ISO)	6.00 kJ/m ²	2.86 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	21.0 kJ/m ²	9.99 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	26.0 Åµm/m-Å°C	14.4 Åµin/in-Å°F	ISO 11359-2

Thermal Properties	@Temperature 23.0 - Metric 20.0 Â°C	@Temperature 73.4 - English 144 Â°F	Comments
Deflection Temperature at 1.8 MPa (264 psi)	272 Â°C	522 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af
	261 Â°C	502 Â°F	unannealed; ASTM D648
	@Thickness 3.20 mm	@Thickness 0.126 in	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China