

SABIC Innovative Plastics LNP THERMOCOMP NF0061 PC+ABS (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Glass Fiber Filled , Polycarbonate (PC)

Material Notes:

LNP* THERMOCOMP* NF0061 is a compound based on PC+ABS resin containing Glass Fiber, Flame Retardant. Added features include :
Flame Retardant.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-NF0061-PCABS-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	ISO 1183
Water Absorption	0.12 %	0.12 %	ISO 62-1
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.0015 cm/cm	0.0015 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	124 MPa	18000 psi	5 mm/min; ISO 527
Elongation at Break	1.9 %	1.9 %	5 mm/min; ISO 527
	2.5 %	2.5 %	
Tensile Modulus	7.80 GPa	1130 ksi	1 mm/min; ISO 527
	159 MPa	23100 psi	
Flexural Strength	161 MPa	23400 psi	2 mm/min; ISO 178
Flexural Yield Strength	7.20 GPa	1040 ksi	2 mm/min; ISO 178
Flexural Modulus	7.00 kJ/m ²	3.33 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Notched (ISO)	30.0 kJ/m ²	14.3 ft-lb/in ²	80*10*4; ISO 180/1U
Izod Impact, Unnotched (ISO)			

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	32.0 Åµm/m-Å°C	17.8 Åµin/in-Å°F	ISO 11359-2
	@Temperature 23.0 - 60.0 Å°C	@Temperature 73.4 - 140 Å°F	
CTE, linear, Transverse to Flow	67.0 Åµm/m-Å°C	37.2 Åµin/in-Å°F	ISO 11359-2
	@Temperature 23.0 - 60.0 Å°C	@Temperature 73.4 - 140 Å°F	

Thermal Properties Deflection Temperature at 1.8 MPa (264 psi)	Metric C	English	Comments
Flammability, UL94	V-0	V-0	UL 94 by SABIC-IP
	@Thickness 1.60 mm	@Thickness 0.0630 in	

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