

# LNP™ THERMOCOMP™ PFW53U compound

Polyamide 6

SABIC Innovative Plastics

## Message:

LNP THERMOCOMP PFW53U is a compound based on Nylon 6 resin containing Glass Fiber, Mineral. Added features of this material include: UV Stabilized.

Also known as: LNP\* THERMOCOMP\* Compound PFM-3253 UV

Product reorder name: PFW53U

General Information			
Filler / Reinforcement	Glass \Mineral		
Additive	UV stabilizer		
Physical	Nominal Value	Unit	Test Method
Density	1.47	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8500	MPa	ISO 527-2/1
Tensile Stress (Break)	112	MPa	ISO 527-2
Tensile Strain (Break)	2.3	%	ISO 527-2
Flexural Modulus	7290	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact <sup>1</sup> (23°C)	5.5	kJ/m <sup>2</sup>	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature <sup>2</sup> (1.8 MPa, Unannealed, 64.0 mm Span)	196	°C	ISO 75-2/Af
NOTE			
1.	80*10*4		
2.	80*10*4 mm		

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## Recommended distributors for this material

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