

# LNP™ THERMOCOMP™ UX05504 compound

Polyphthalamide  
SABIC Innovative Plastics

Message:

LNP THERMOCOMP UX05504 is a compound based on Polyphthalamide resin containing Glass Fiber. Added features of this material include: Heat Stabilized.

Also known as: LNP\* THERMOCOMP\* Compound UF-1007 HS S

Product reorder name: UX05504

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Additive	heat stabilizer		
Features	Thermal Stability		
Physical	Nominal Value	Unit	Test Method
Density	1.44	g/cm <sup>3</sup>	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	12.6	MPa	ISO 527-2
Fracture	164	MPa	ISO 527-2
Tensile Strain (Break)	2.0	%	ISO 527-2
Flexural Modulus	10000	MPa	ISO 178
Flexural Stress	295	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact <sup>1</sup> (23°C)	7.0	kJ/m <sup>2</sup>	ISO 180/1A
Unnotched Izod Impact Strength <sup>2</sup> (23°C)	39	kJ/m <sup>2</sup>	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature <sup>3</sup> (1.8 MPa, Unannealed, 64.0 mm Span)	260	°C	ISO 75-2/Af
NOTE			
1.	80*10*4		
2.	80*10*4		
3.	80*10*4 mm		

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Recommended distributors for this material

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