

LNP™ THERMOCOMP™ WX05502 compound

Thermoplastic Polyester Elastomer

SABIC Innovative Plastics

Message:

LNP THERMOCOMP WX05502 is a compound based on Polyester, TP resin containing Flame Retardant, Mineral, Glass Fiber. Added features of this material include: Flame Retardant.

Also known as: LNP* THERMOCOMP* Compound 9750

Product reorder name: WX05502

General Information			
UL YellowCard	E207780-101283806		
Filler / Reinforcement	Glass \Mineral		
Features	Flame retardancy		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.83	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	13900	MPa	ASTM D638
Tensile Strength (Break)	97.2	MPa	ASTM D638
Tensile Elongation (Break)	1.5	%	ASTM D638
Flexural Modulus	19200	MPa	ASTM D790
Flexural Strength	131	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	48	J/m	ASTM D256
Unnotched Izod Impact (23°C)	320	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	209	°C	ASTM D648
NOTE			
1.	50 mm/min		

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Recommended distributors for this material

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