

LNP™ THERMOCOMP™ YF005 compound

Thermoplastic Polyester Elastomer

SABIC Innovative Plastics

Message:

LNP THERMOCOMP YF005 is a compound based on TPEE resin containing Glass Fiber.

Also known as: LNP* THERMOCOMP* Compound YF-1005

Product reorder name: YF005

General Information			
Filler / Reinforcement	Glass Fiber		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm ³	ASTM D792
Molding Shrinkage - Flow (24 hr)	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2740	MPa	ASTM D638
Tensile Strength (Break)	54.5	MPa	ASTM D638
Tensile Elongation (Break)	8.5	%	ASTM D638
Flexural Modulus	2540	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	340	J/m	ASTM D256
Unnotched Izod Impact (23°C)	1300	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	171	°C	ASTM D648
NOTE			
1.	50 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT