



LNP™ THERMOCOMP™ Compound YF005

Asia Pacific: COMMERCIAL

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

Product reorder name: YF005

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

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	550	kgf/cm ²	ASTM D 638
Tensile Strain, break	8.5	%	ASTM D 638
Tensile Modulus, 50 mm/min	27900	kgf/cm ²	ASTM D 638
Flexural Stress	700	kgf/cm ²	ASTM D 790
Flexural Modulus	25800	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	127	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	34	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	170	°C	ASTM D 648
PHYSICAL			
Density	1.39	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs (5)	0.4	%	ASTM D 955