LNP™ THERMOCOMP™ COMPOUND YF005

YF-1005
REGION ASIA

DESCRIPTION

LNP THERMOCOMP YF005 is a compound based on Polyester Elastomer resin containing 25% Glass Fiber.

TYPICAL PROPERTY VALUES

Revision 20181231

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	54	MPa	ASTM D 638
Tensile Strain, break	8.5	%	ASTM D 638
Tensile Modulus, 50 mm/min	2730	MPa	ASTM D 638
Flexural Stress	68	MPa	ASTM D 790
Flexural modulus	2530	MPa	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	1250	J/m	ASTM D 4812
Izod Impact, notched, 23°C	331	J/m	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	170	°C	ASTM D 648
PHYSICAL			
Density	1.4	g/cm³	ASTM D 792
Mold Shrinkage, flow, 24 hrs	0.4	%	ASTM D 955

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