



LNP™ THERMOCOMP™ Compound WX88406

Americas: COMMERCIAL

Also known as: LNP™ THERMOCOMP™ Compound PDX-W-88406

Product reorder name: WX88406

LNP THERMOCOMP WX88406 is a compound based on PBT resin containing Proprietary Filler(s).

TYPICAL PROPERTIES ¹	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, break	1050	kgf/cm ²	ASTM D 638
Tensile Stress, brk, Type I, 5 mm/min	1050	kgf/cm ²	ASTM D 638
Tensile Strain, break	2.9	%	ASTM D 638
Tensile Strain, brk, Type I, 5 mm/min	2.9	%	ASTM D 638
Tensile Modulus, 50 mm/min	80800	kgf/cm ²	ASTM D 638
Flexural Stress	1680	kgf/cm ²	ASTM D 790
Flexural Stress, brk, 1.3 mm/min, 50 mm span	1680	kgf/cm ²	ASTM D 790
Flexural Modulus	71900	kgf/cm ²	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	71900	kgf/cm ²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	69	cm-kgf/cm	ASTM D 4812
Izod Impact, notched, 23°C	7	cm-kgf/cm	ASTM D 256
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	202	°C	ASTM D 648
PHYSICAL			
Density	1.49	g/cm ³	ASTM D 792
Mold Shrinkage, flow, 24 hrs (5)	0.2	%	ASTM D 955



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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	120	°C
Drying Time	4	hrs
Maximum Moisture Content	0.05	%
Melt Temperature	240 - 265	°C
Front - Zone 3 Temperature	260 - 270	°C
Middle - Zone 2 Temperature	245 - 255	°C
Rear - Zone 1 Temperature	220 - 230	°C
Mold Temperature	80 - 100	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm