+135-3858-6433 (GuangDong)
+188-1699-6168 (ShangHai)
+852-6957-5415 (HongKong)

LNP™ THERMOCOMP™ Compound VF008A

Americas: COMMERCIAL

Also known as: LNP™ THERMOCOMP™ Compound PDX-83363
Product reorder name: VF008A

LNP THERMOCOMP VF008A is a compound based on High Impact Nylon 66 containing 40% Glass Fiber.

TYPICAL PROPERTIES[1]	TYPICAL VALUE	Unit	Standard
MECHANICAL			
Tensile Stress, brk, Type I, 5 mm/min	1610	kgf/cm²	ASTM D 638
Tensile Strain, brk, Type I, 5 mm/min	3 - 4	%	ASTM D 638
Flexural Stress, brk, 1.3 mm/min, 50 mm span	2310	kgf/cm²	ASTM D 790
Flexural Modulus, 1.3 mm/min, 50 mm span	84300	kgf/cm²	ASTM D 790
IMPACT			
Izod Impact, unnotched, 23°C	102	cm-kgf/cm	ASTM D 4812
Izod Impact, notched 80*10*4 +23°C	187	kJ/m²	ISO 180/1A
THERMAL			
HDT, 1.82 MPa, 3.2mm, unannealed	249	°C	ASTM D 648
PHYSICAL			
Specific Gravity	1.41	-	ASTM D 792
Moisture Absorption, 50% RH, 24 hrs	0.6	%	ASTM D 570
Mold Shrinkage, flow (5)	0.4	%	SABIC Method

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PROCESSING PARAMETERS	TYPICAL VALUE	Unit
Injection Molding		
Drying Temperature	80	°C
Drying Time	4	hrs
Maximum Moisture Content	0.15	%
Melt Temperature	280 - 295	°C
Front - Zone 3 Temperature	295 - 305	°C
Middle - Zone 2 Temperature	275 - 290	°C
Rear - Zone 1 Temperature	260 - 270	°C
Mold Temperature	95 - 110	°C
Back Pressure	0.2 - 0.3	MPa
Screw Speed	30 - 60	rpm