LNP™ THERMOCOMP™ COMPOUND QF007

QF-1007
REGION ASIA

DESCRIPTION

LNP THERMOCOMP QF007 is a compound based on Nylon 6/10 resin containing 35% Glass Fiber.

TYPICAL PROPERTY VALUES

Revision 20190102

PROPERTIES	TYPICAL VALUES	UNITS	TEST METHODS
MECHANICAL			
Tensile Stress, break	176	MPa	ASTM D 638
Flexural Stress	268	MPa	ASTM D 790
Flexural modulus	8900	MPa	ASTM D 790
IMPACT			
Izod Impact, notched, 23°C	130	J/m	ASTM D 256
PHYSICAL			
Density	1.33	g/cm³	ASTM D 792
Moisture Absorption, 50% RH, 24 hrs	0.2	%	ASTM D 570
INJECTION MOLDING			
Drying Temperature	80	°C	
Drying Time	4	hrs	
Maximum Moisture Content	0.12 – 0.2	%	
Melt Temperature	270 – 275	°C	
Front - Zone 3 Temperature	270 – 280	°C	
Middle - Zone 2 Temperature	260 – 270	°C	
Rear - Zone 1 Temperature	250 – 260	°C	
Mold Temperature	80 – 95	°C	
Back Pressure	0.2 – 0.3	MPa	
Screw Speed	30 – 60	rpm	

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