

LNP™ THERMOCOMP™ KF004A compound

Acetal (POM) Homopolymer

SABIC Innovative Plastics

Message:

LNP THERMOCOMP* KF004A is a compound based on Acetal Homopolymer resin containing 20% Glass Fiber.
Also known as: LNP* THERMOCOMP* Compound KF-1004 D
Product reorder name: KF004A

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.56	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow : 24 hr	0.60	%	
Across Flow : 24 hr	2.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	100	MPa	ASTM D638
Tensile Elongation (Break)	2.2	%	ASTM D638
Flexural Modulus	7100	MPa	ASTM D790
Flexural Strength	144	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	59	J/m	ASTM D256
Unnotched Izod Impact (23°C)	430	J/m	ASTM D4812
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Rear Temperature	177 to 188	°C	
Middle Temperature	193 to 204	°C	
Front Temperature	210 to 221	°C	
Processing (Melt) Temp	199 to 216	°C	
Mold Temperature	82.2 to 110	°C	
Back Pressure	0.172 to 0.344	MPa	
Screw Speed	30 to 60	rpm	

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Recommended distributors for this material

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