

LNP™ THERMOCOMP™ KF006 compound

Acetal (POM) Copolymer

SABIC Innovative Plastics

Message:

LNP THERMOCOMP KF006 is a compound based on Acetal Copolymer resin containing 30% Glass Fiber. Added features of this material include: Chemically Coupled.

Also known as: LNP* THERMOCOMP* Compound KFX-1006

Product reorder name: KF006

General Information			
UL YellowCard	E121562-101284440		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Chemically Coupled		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.62	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow : 24 hr	0.50	%	
Across Flow : 24 hr	2.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	148	MPa	ASTM D638
Tensile Elongation (Break)	2.8	%	ASTM D638
Flexural Modulus	10300	MPa	ASTM D790
Flexural Strength	214	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	85	J/m	ASTM D256
Unnotched Izod Impact (23°C)	690	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	162	°C	ASTM D648
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	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

