

LNP™ THERMOCOMP™ RZ006S compound

Polyamide 66

SABIC Innovative Plastics

Message:

LNP THERMOCOMP RZ006S is a compound based on Nylon 66 resin containing 30% Milled Glass. Added feature of this material is: Heat Stabilized.

Also known as: LNP* THERMOCOMP* Compound RF-1006 HS M

Product reorder name: RZ006S

General Information			
Filler / Reinforcement	Milled Glass Fiber,30% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Molding Shrinkage - Flow (24 hr)	1.6	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	5210	MPa	ASTM D638
Tensile Strength (Break)	56.5	MPa	ASTM D638
Tensile Elongation (Break)	2.7	%	ASTM D638
Flexural Modulus	5240	MPa	ASTM D790
Flexural Strength	117	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Unnotched Izod Impact (23°C)	340	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	79.4	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.15 to 0.25	%	
Rear Temperature	266 to 277	°C	
Middle Temperature	282 to 293	°C	
Front Temperature	293 to 304	°C	
Processing (Melt) Temp	282 to 304	°C	
Mold Temperature	93.3 to 110	°C	
Back Pressure	0.172 to 0.344	MPa	
Screw Speed	30 to 60	rpm	
NOTE			
1.	50 mm/min		

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

