

SLOVAMID® 66 T 36 TS

Polyamide 66

Plastcom

Message:

PA 66 with the content of 36 % chemically modified mineral filling. Used for holders of electric hand tools, for hobby tools, gears, covers of electric tools, flat products, automobile wheel covers. High tensile strength and modulus in tension. Excellent dimensional stability. Delivered in natural mode and in the full RAL colour scale.

General Information			
Filler / Reinforcement	Mineral,36% Filler by Weight		
Additive	Heat Stabilizer		
Features	Good Dimensional Stability		
	Heat Stabilized		
	High Stiffness		
	High Strength		
Uses	Automotive Applications		
	Gears		
	Power/Other Tools		
Appearance	Colors Available		
	Natural Color		
Processing Method	Injection Molding		
Resin ID (ISO 1043)	PA 66		
Physical	Nominal Value	Unit	Test Method
Density	1.47	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (275°C/0.325 kg)	1.0	g/10 min	ISO 1133
Molding Shrinkage			STM 64 0808
Across Flow	1.3	%	
Flow	1.3	%	
Water Content	0.20	%	ISO 960
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6550	MPa	ISO 527-2
Tensile Stress (Yield)	70.0	MPa	ISO 527-2
Tensile Strain (Yield)	1.0	%	ISO 527-2
Flexural Modulus	5900	MPa	ISO 178
Flexural Stress	175	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179

-20°C	2.0	kJ/m ²	
23°C	3.0	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179
-20°C	11	kJ/m ²	
23°C	47	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	170	°C	ISO 75-2/B
Vicat Softening Temperature	265	°C	ISO 306/B
Melting Temperature (DSC)	260	°C	ISO 3146
Injection	Nominal Value	Unit	
Drying Temperature	100	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	280 to 310	°C	
Mold Temperature	80.0 to 120	°C	
Injection Pressure	70.0 to 120	MPa	

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



WECHAT