

Tisoplen® PPC 10 MNF TALC

Polypropylene Copolymer

Tisan

Message:

Tisoplen® PPC 10 MNF TALC is a Polypropylene Copolymer (PP Copolymer) material filled with 10% talc. It is available in Africa & Middle East or Europe for injection molding.

Important attributes of Tisoplen® PPC 10 MNF TALC are:

- Flame Rated
- Copolymer
- Heat Stabilizer

General Information			
Filler / Reinforcement	Talc,10% Filler by Weight		
Additive	Heat Stabilizer		
Features	Copolymer		
	Heat Stabilized		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.970	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Molding Shrinkage	1.0	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	0.060	%	ISO 62
Ash Content	10	%	ISO 3451
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	63 to 65		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	29.0	MPa	
Break	28.0	MPa	
Tensile Strain			ISO 527-2
Yield	48	%	
Break	47	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	11	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	109	°C	ISO 75-2/Be
Vicat Softening Temperature	106	°C	ISO 306/B120

Melting Temperature	165	°C	
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index (3.00 mm)	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Rear Temperature	190 to 210	°C	
Middle Temperature	190 to 210	°C	
Front Temperature	190 to 210	°C	
Nozzle Temperature	200	°C	
Processing (Melt) Temp	170 to 190	°C	
Mold Temperature	45.0	°C	

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

