

Tisan TISLAMID® 6 25% Glass Fiber Reinforced Flame Retardant (V0). Heat Stabilized Nylon 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Glass Fiber Filled, Flame Retardant

Material Notes:

TISLAMID has a wide area of application in electric/electronic, automotive, durable goods and telecommunications industries. It demonstrates characteristics such as Excellent chemical resistance, Electric isolation, Easy processability, High mechanical resistance, Excellent flame retardance, High moisture absorption, Excellent temperature resistance, High performance / affordable price, Abrasion resistance. TISLAMID has an excellent resistance to weak alkalis and organic solvents. It has a good resistance to weak acids, alcohols, hydrocarbons, and engine fuels. It has a medium resistance to strong alkalis and a weak resistance to strong acids.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tisan-TISLAMID-6-25-Glass-Fiber-Reinforced-Flame-Retardant-V0-Heat-Stabilized-Nylon-6.php

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in ³	ISO 1183
Ash	25 %	25 %	ISO 3451

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	105 MPa	15200 psi	ISO 527-2
Tensile Strength, Yield	110 MPa	16000 psi	ISO 527-2
Elongation at Break	3.0 %	3.0 %	ISO 527-2
Elongation at Yield	2.9 %	2.9 %	ISO 527-2
Modulus of Elasticity	7.50 GPa	1090 ksi	ISO 527-2
Izod Impact, Notched (ISO)	5.00 kJ/m ²	2.38 ft-lb/in ²	ISO 180

Thermal Properties	Metric	English	Comments
Melting Point	220 - 225 °C	428 - 437 °F	
Flammability, UL94	V-0	V-0	
Glow Wire Test	960 °C	1760 °F	60695-2-10

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	500 V	500 V	TS EN 60112

Processing Properties	Metric	English	Comments
Feed Temperature	60.0 - 80.0 °C	140 - 176 °F	

Processing Properties	Metric	English	Comments
Near Barrel Temperature	220 - 240 °C	428 - 464 °F	At-1. Region Temperature
Middle Barrel Temperature	220 - 240 °C	428 - 464 °F	Mid-2. Region Temperature
Front Barrel Temperature	220 - 240 °C	428 - 464 °F	Pre-3. Region Temperature
Nozzle Temperature	210 - 230 °C	410 - 446 °F	
Melt Temperature	220 - 240 °C	428 - 464 °F	
Drying Temperature	90.0 - 100 °C	194 - 212 °F	Predrying Temperature
Dry Time	3 - 4 hour	3 - 4 hour	Predrying Time

Descriptive Properties	Value	Comments
Block Temperature	60-80°C	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China