

Tipco Tipcofil® AU 027 - Unfilled Nylon-6 Compound, with High Heat Stability, for Injection Molding

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Unreinforced Nylon-6 Compound Applications: General Purpose Processing: Injection Molding Information provided by the Manufacturer, Tipco Industries Ltd., India.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tipco-Tipcofil-AU-027-Unfilled-Nylon-6-Compound-with-High-Heat-Stability-for-Injection-Molding.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	ASTM D792
Water Absorption	2.5 %	2.5 %	ASTM D570
Linear Mold Shrinkage	0.013 cm/cm	0.013 in/in	ASTM D955
Melt Flow	30 g/10 min	30 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	73.0 MPa	10600 psi	ASTM D638
Elongation at Break	>= 20 %	>= 20 %	ASTM D638
Flexural Yield Strength	90.0 MPa	13100 psi	ASTM D790
Flexural Modulus	2.50 GPa	363 ksi	ASTM D790
Izod Impact, Notched (ISO)	5.00 kJ/m ²	2.38 ft-lb/in ²	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	175 °C	347 °F	ASTM D648
Vicat Softening Point	190 °C	374 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	235 °C	455 °F	
Rear Barrel Temperature	230 °C	446 °F	
Middle Barrel Temperature	235 °C	455 °F	
Front Barrel Temperature	240 °C	464 °F	

Nozzle Temperature Processing Properties	230 °C Metric	446 °F English	Comments
Mold Temperature	70.0 °C	158 °F	
Drying Temperature	80.0 °C	176 °F	

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