

Mitsui AURUM® JCR3030F Thermoplastic Polyimide Resin, Wear/Friction Grade (discontinued **)

Category : Polymer , Thermoplastic , Polyimide, Thermoplastic

Material Notes:

AURUM® is an easy melt, processable and recyclable thermoplastic polyimide resin that provides continuous service temperatures to 465° F in its amorphous state and up to 550° F when annealed to its semicrystalline state. In addition, it displays low outgassing, superior radiation resistance and excellent chemical resistance properties. Applications: Components for automotive and aircraft enginesTransmissionFarming, off-road and construction equipmentIndustrial machineryElectric motors, pumps and compressorsBusiness machines such as laser pointers and high speed copy machinesElectronic and semiconductor transport mediaAnalytical and medical equipmentConveyors and textile equipmentInformation provided by Mitsui.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Mitsui-AURUM-JCR3030F-Thermoplastic-Polyimide-Resin-WearFriction-Grade-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.43 g/cc	0.0517 lb/in ³	ASTM D1505

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	75.5 MPa	11000 psi	
Elongation at Break	4.0 %	4.0 %	
Flexural Strength	129 MPa	18700 psi	
Flexural Modulus	3.92 GPa	569 ksi	
Izod Impact, Notched	0.0700 J/cm	0.131 ft-lb/in	

Thermal Properties	Metric	English	Comments
Melting Point	388 °C	730 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	390 - 420 °C	734 - 788 °F	Injection molding, extrusion

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