

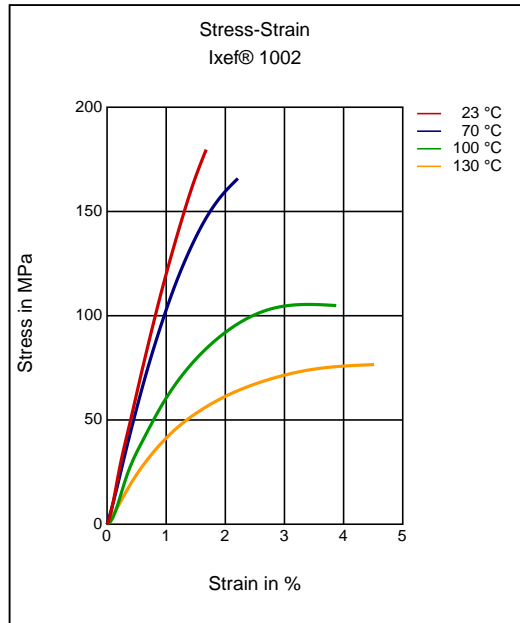
**Ixef® 1002**  
**PARA-GF30**

Syensqo

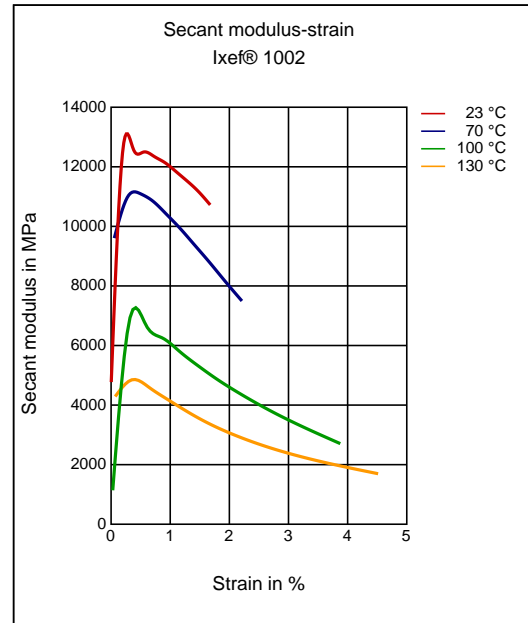
Mechanical Properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	11500	MPa	ISO 527
Stress at Break	190	MPa	ISO 527
Strain at Break	2	%	ISO 527
Flexural Modulus (23°C)	11500	MPa	ISO 178
<b>ASTM Data</b>			
Notched Impact Strength (Izod), 1/8 in	70	J/m	ASTM D 256
Impact Strength (Izod), 1/8 in	460	J/m	ASTM D 256
<b>Thermal Properties</b>			
<b>ISO Data</b>			
Temp. of deflection under load (1.80 MPa)	230	°C	ISO 75-1/-2
Coeff. of Linear Therm. Expansion, parallel	18	E-6/K	ISO 11359-1/-2
Burning Behav. at thickness h	HB	class	UL 94
Oxygen index	25	%	ISO 4589-1/-2
<b>Electrical Properties</b>			
<b>ISO Data</b>			
Volume Resistivity	1E11	Ohm*m	IEC 62631-3-1
Electric Strength	30	kV/mm	IEC 60243-1
Comparative tracking index	400	-	IEC 60112
<b>Other Properties</b>			
<b>ISO Data</b>			
Density	1430	kg/m³	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	0.5 - 1.5	h	-
Melt temperature	280	°C	-
Mold temperature	120 - 140	°C	-
Zone 1	250 - 260	°C	-
Zone 2	260 - 290	°C	-

## Diagrams

### Stress-strain



### Secant modulus-strain



## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets, Black, Natural Color

### Features

Creep Resistance

### Chemical Resistance

General Chemical Resistance

### Applications

General Purpose

## Disclaimer

### Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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