

Ixef® 1622

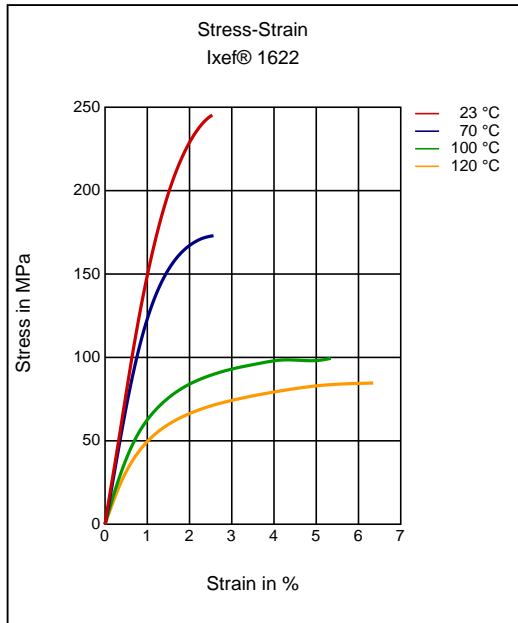
PARA-GF50

Syensqo

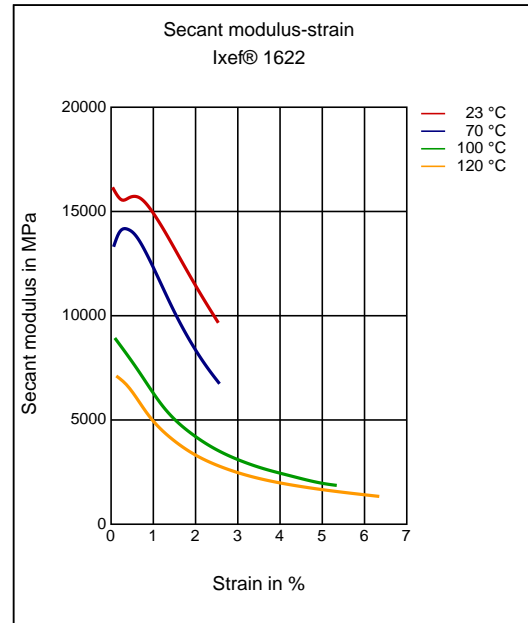
Mechanical Properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	17000 / 16000	MPa	ISO 527
Yield stress	- / 200	MPa	ISO 527
Stress at Break	235 / -	MPa	ISO 527
Strain at Break	2.6 / 2.7	%	ISO 527
Flexural Modulus (23°C)	17000 / -	MPa	ISO 178
ASTM Data			
Notched Impact Strength (Izod), 1/8 in	120 / -	J/m	ASTM D 256
Impact Strength (Izod), 1/8 in	1100 / -	J/m	ASTM D 256
Thermal Properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	220 / *	°C	ISO 75-1/-2
Burning Behav. at thickness h	HB / *	class	UL 94
Thickness tested	0.6 / *	mm	-
Oxygen index	25 / *	%	ISO 4589-1/-2
Electrical Properties			
ISO Data			
Electric Strength	25 / -	kV/mm	IEC 60243-1
Other Properties			
ISO Data			
Density	1600 / -	kg/m³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	0.5 - 1.5	h	-
Melt temperature	270	°C	-
Mold temperature	120 - 140	°C	-
Zone 1	250 - 260	°C	-
Zone 2	260 - 280	°C	-

Diagrams

Stress-strain



Secant modulus-strain



Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black, Natural Color

Special Characteristics

Impact modified

Features

Creep Resistance

Chemical Resistance

General Chemical Resistance

Applications

Automotive, Electrical and Electronical

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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- any bodily implant application for greater than 30 days
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