

Ixef® 1622
PARA-GF50

Syensqo

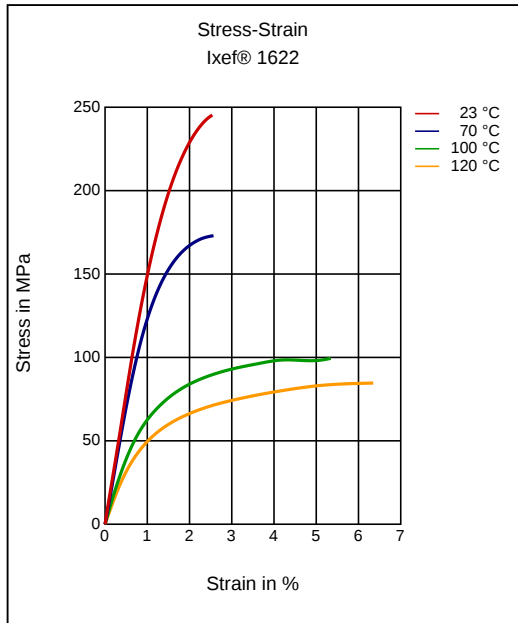
Mechanical Properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	17000 / 16000	MPa	ISO 527
Yield stress	- / 200	MPa	ISO 527
Stress at Break	235 / -	MPa	ISO 527
Strain at Break	2.6 / 2.7	%	ISO 527
Flexural Modulus (23°C)	17000 / -	MPa	ISO 178
ASTM Data			
Notched Impact Strength (Izod), 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	-

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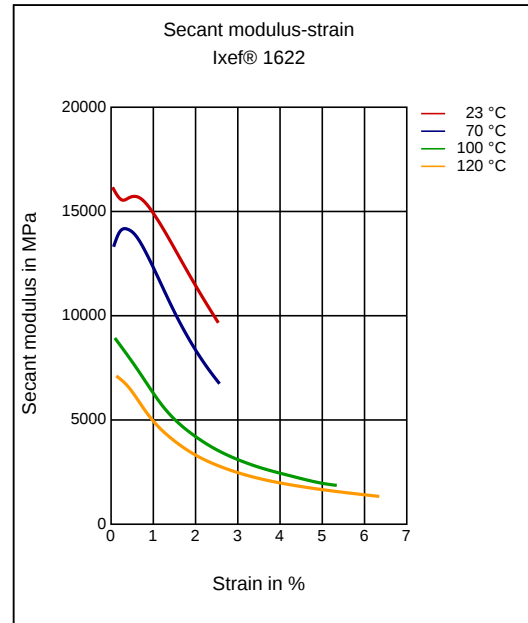
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Diagrams

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