

Ixef® 1524 PARA-GF50

Syensqo

Mechanical Properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	20000 / 15500	MPa	ISO 527
Stress at Break	230 / -	MPa	ISO 527
Strain at Break	1.9 / -	%	ISO 527
Impact Strength (Charpy), +23°C	48 / -	kJ/m²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	9.3 / -	kJ/m²	ISO 179/1eA
Flexural Modulus (23°C)	18500 / -	MPa	ISO 178

Thermal Properties	dry / cond	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	227 / *	°C	ISO 75-1/-2
Burning Behav. at thickness h	V-0 / *	class	UL 94
Thickness tested	0.4 / *	mm	-
Oxygen index	37 / *	%	ISO 4589-1/-2

Electrical Properties	dry / cond	Unit	Test Standard
ISO Data			
Comparative tracking index	600 / -	-	IEC 60112

Other Properties	dry / cond	Unit	Test Standard
ISO Data			
Density	1680 / -	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100	°C	-
Pre-drying - Time	1 - 3	h	-
Melt temperature	280	°C	-
Mold temperature	120 - 140	°C	-
Zone 1	250 - 260	°C	-
Zone 2	260 - 290	°C	-

Characteristics

Processing

Injection Molding

Features

Creep Resistance

Delivery form

Pellets, Black, Natural Color

Chemical Resistance

General Chemical Resistance

Special Characteristics

Flame retardant, Halogen-free

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

- any critical component in any medical device that supports or sustains human life.

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