

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

Delivery form

Pellets, Black, Natural Color

Special Characteristics

Flame retardant, Halogen-free

Features

Creep Resistance

Chemical Resistance

General Chemical Resistance