

Ixef® 2030

PARA-(GF+MX)55

Syensqo

Mechanical properties

	Value	Unit	Test Standard
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ISO Data			
Tensile Modulus	21500	MPa	ISO 527
Stress at break	140	MPa	ISO 527
Strain at break	1.2	%	ISO 527
Flexural modulus, 23°C	19000	MPa	ISO 178

ASTM Data

Izod Impact notched, 1/8 in	50	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	270	J/m	ASTM D 256

Thermal properties

	Value	Unit	Test Standard
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ISO Data			
Temp. of deflection under load, 1.80 MPa	220	°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	IEC 60695-11-10
Oxygen index	26	%	ISO 4589-1/-2

Electrical properties

	Value	Unit	Test Standard
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ISO Data			
Volume resistivity	1E11	Ohm*m	IEC 62631-3-1
Electric strength	35	kV/mm	IEC 60243-1
Comparative tracking index	600	-	IEC 60112

Other properties

	Value	Unit	Test Standard
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Density	1740	kg/m ³	ISO 1183
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Processing Recommendation Injection Molding

	Value	Unit	Test Standard
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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	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black

Features

Creep Resistance, Low Warpage

Chemical Resistance

General Chemical Resistance

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa