

Ixef® 3008
PARA-CF30

Syensqo

Rheological properties	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	26000	MPa	ISO 527
Yield stress	250	MPa	ISO 527
Strain at Break	1.3	%	ISO 527
Impact Strength (Charpy), +23°C	36	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	3.6	kJ/m ²	ISO 179/1eA
Flexural Modulus (23°C)	23000	MPa	ISO 178
ASTM Data			
Notched Impact Strength (Izod), 1/8 in	59	J/m	ASTM D 256
Impact Strength (Izod), 1/8 in	450	J/m	ASTM D 256

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	230	°C	ISO 75-1/-2
Burning Behav. at thickness h	HB	class	UL 94
Oxygen index	23	%	ISO 4589-1/-2

Electrical Properties	Value	Unit	Test Standard
ISO Data			
Comparative tracking index	600	-	IEC 60112
ASTM Data			
Volume Resistivity	3000	Ohm*cm	ASTM D 257

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1340	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
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

Chemical Resistance

General Chemical Resistance

Applications

Automotive, Electrical and Electronical