

Ixef® 1313

PARA-X40

Syensqo

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	11000	MPa	ISO 527
Stress at break	190	MPa	ISO 527
Strain at break	3.1	%	ISO 527
Flexural modulus, 23°C	12500	MPa	ISO 178
Flexural strength	275	MPa	ISO 178

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	215	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	17	E-6/K	ISO 11359-1/-2
Oxygen index	23	%	ISO 4589-1/-2

Electrical properties	Value	Unit	Test Standard
ISO Data			
Electric strength	28	kV/mm	IEC 60243-1
Comparative tracking index	400	-	IEC 60112
Other Standards^[5]			
Volume resistivity	2E13	Ohm*m	IEC 60093

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	1460	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	12	h	-
Melt temperature	<270	°C	-
Mold temperature	120 - 140	°C	-
Zone 1	250 - 260	°C	-
Zone 2	260 - 270	°C	-
Zone 3	270 - 280	°C	-
Nozzle temperature	260 - 290	°C	-
Injection pressure	50 - 250	MPa	-
Back pressure	0 - 1	MPa	-
Holding pressure	75	MPa	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

High impact or impact modified

Applications

Automotive, IT / Business Machine, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific