

Xencor™ PARA LGF-1050 BK 000-9 PARA-GLF50

Syensqo

Electrically Insulating.

Rheological properties	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	Producer Method

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	22000	MPa	ISO 527
Tensile Strength	265	MPa	ISO 527
Strain at Break	1.6	%	ISO 527
Impact Strength (Charpy), +23°C	60	kJ/m ²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	34	kJ/m ²	ISO 179/1eA
Flexural Modulus (23°C)	21000	MPa	ISO 178
Flexural strength	405	MPa	ISO 178

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	255	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	260	°C	ISO 75-1/-2

Other Properties	Value	Unit	Test Standard
ISO Data			
Humidity absorption	1.2	%	Sim. to ISO 62
Density	1640	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.08	%	-
Melt temperature	310	°C	-
Mold temperature	120 - 140	°C	-
Zone 1	280 - 300	°C	-
Zone 2	280 - 310	°C	-
Zone 3	280 - 310	°C	-
Nozzle temperature	270 - 310	°C	-

Characteristics

Processing

Injection Molding, Compression Molding

Delivery form

Pellets, Black

Special Characteristics

Impact modified, Heat aging stabilized

Disclaimer

Liability Exclusion

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