

Kalix® 9950 NT 000

PA*-GF50

Syensqo

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Density, 73°F	1600	kg/m³	ASTM D 792

Rheological properties	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Molding shrinkage, normal	0.3	%	ISO 294-4, 2577

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	18500	MPa	ISO 527
Yield stress	245	MPa	ISO 527
Strain at Break	2.3	%	ISO 527
Flexural Modulus (23°C)	15900	MPa	ISO 178
Notched Impact Strength (Izod), 23°C	15	kJ/m²	ISO 180/1A
Impact Strength (Izod), 23°C	68	kJ/m²	ISO 180/1U

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	254	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	262	°C	ISO 75-1/-2
Burning Behav. at thickness h	HB	class	UL 94
Thickness tested	0.6	mm	-
ASTM Data			
Melting Temperature	260	°C	ASTM D 3418

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 12	h	-
Processing humidity	≤0.09	%	-
Melt temperature	285 - 305	°C	-
Mold temperature	80 - 120	°C	-
Zone 1	250	°C	-
Zone 2	280	°C	-

Characteristics
Processing

Injection Molding

Delivery form

Pellets, Natural Color

Special Characteristics

Platable, Impact modified

Features

Low Warpage, Soft Feel

Applications

Electrical and Electronical