

Kalix® 3950 BK 000

PPA-GF50

Grade is obsolete.

Syensqo

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0	%	ISO 294-4, 2577
Molding shrinkage, normal	0.1	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	16700	MPa	ISO 527
Yield stress	239	MPa	ISO 527
Strain at break	2.2	%	ISO 527
Flexural modulus, 23°C	16100	MPa	ISO 178
Izod impact strength, +23°C	70	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	15	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	137	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	145	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.6	mm	-

Other properties	Value	Unit	Test Standard
Biobased content	16	%	-
Density	1580	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

Platable, High impact or impact modified

Features

Amorphous, Low Warpage

Certifications

Contains renewable resources

Applications

Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific