

Kalix® 2955 BK 000
PA610-GF55

Syensqo

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	17800	MPa	ISO 527
Tensile Strength	222	MPa	ISO 527
Strain at Break	2.5	%	ISO 527
Flexural Modulus (23°C)	15800	MPa	ISO 178
Notched Impact Strength (Izod), 23°C	20	kJ/m²	ISO 180/1A
Impact Strength (Izod), 23°C	87	kJ/m²	ISO 180/1U

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load (1.80 MPa)	214	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	222	°C	ISO 75-1/-2
Burning Behav. at thickness h	HB	class	UL 94
Thickness tested	0.6	mm	-
ASTM Data			
Glass Transition Temperature	55	°C	ASTM E 1356

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1580	kg/m³	ISO 1183
Biobased carbon content	27	%	-

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	280 - 330	°C	-
Mold temperature	50 - 130	°C	-
Zone 1	265 - 300	°C	-
Zone 2	280 - 330	°C	-
Zone 3	280 - 330	°C	-

Characteristics
Processing

Injection Molding

Features

Low Warpage

Delivery form

Pellets, Black

Certifications

Contains renewable resources

Special Characteristics

Platable, Impact modified

Applications

Electrical and Electrical