

Amodel® A-1130 FW
(PPA+PTFE)-GF30

Syensqo

Mechanical Properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	11200	MPa	ISO 527
Stress at Break	187	MPa	ISO 527
Strain at Break	2	%	ISO 527
Flexural Modulus (23°C)	9580	MPa	ISO 178

Thermal Properties	Value	Unit	Test Standard
ISO Data			
Melting Temperature (10°C/min)	313	°C	ISO 11357-1/-3
Temp. of deflection under load (1.80 MPa)	285	°C	ISO 75-1/-2

Other Properties	Value	Unit	Test Standard
ISO Data			
Density	1550	kg/m³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	110	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.045	%	-
Melt temperature	329 - 343	°C	-
Mold temperature	135	°C	-
Zone 1	304 - 318	°C	-
Zone 2	316 - 329	°C	-

Characteristics
Processing

Injection Molding

Features

Creep Resistance, Tribologic Grade

Delivery form

Pellets, Black

Chemical Resistance

General Chemical Resistance

Additives

Lubricants