

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
Density	1550	kg/m ³	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

Delivery form

Pellets, Black

Additives

Lubricants

Features

Creep Resistance, Tribologic Grade

Chemical Resistance

General Chemical Resistance

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa