

KEPEX® 3930GFU

(PBT+ASA)-GF30

Korea Engineering Plastics Co. Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.4	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Strength	130	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	8600	MPa	ISO 178
Charpy notched impact strength, +23°C	7.5	kJ/m ²	ISO 179/1eA
Rockwell hardness	R115	-	ISO 2039-2
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	200	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	210	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Other properties			
Density	1480	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	120 - 130	°C	-
Pre-drying - Time	3 - 5	h	-
Processing humidity	≤0.05	%	-
Mold temperature	70 - 90	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	230	°C	-
Zone 2	240	°C	-
Zone 3	250	°C	-
Nozzle temperature	250	°C	-
Screw speed	80 - 120	rpm	-
Back pressure	0.5 - 1	MPa	-

Characteristics**Processing**

Injection Molding

Special Characteristics

U.V. stabilized or stable to weather, Heat stabilized or stable to heat

Features

Low Warpage

Applications

Automotive, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific