

XEGLASS 12-G50-HT

PPA-GF50

Xenia Srl

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.4	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	14500	MPa	ISO 527
Stress at break	150	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Flexural modulus, 23°C	11500	MPa	ISO 178
Flexural strength	275	MPa	ISO 178
Izod impact strength, +23°C	63	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	14	kJ/m ²	ISO 180/1A
Izod notched impact strength	13	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 8.00 MPa	105	°C	ISO 75-1/-2
Vicat softening temperature, B	210	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1530	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	6 - 8	h	-
Melt temperature	280 - 295	°C	-
Mold temperature	95	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe