

XEGLASS 12-G65-HT

PPA-GF65

Xenia Srl

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.3	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	20000	MPa	ISO 527
Stress at break	200	MPa	ISO 527
Strain at break	2.7	%	ISO 527
Flexural modulus, 23°C	17500	MPa	ISO 178
Flexural strength	300	MPa	ISO 178
Izod impact strength, +23°C	57	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	12	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	11 -30	kJ/m ² °C	ISO 180/1A -

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 8.00 MPa	145	°C	ISO 75-1/-2
Vicat softening temperature, B	220	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1730	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	105	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe