

**Genestar™ GX1500A**

PA9T-GF50

Kuraray Co., Ltd.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	250	MPa	ISO 527
Flexural modulus, 23°C	15500	MPa	ISO 178
Flexural strength	370	MPa	ISO 178
Charpy notched impact strength, +23°C	17	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	300	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	125	°C	ISO 11357-1/-2
Temp. of deflection under load, 1.80 MPa	280	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1580	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Special Characteristics**

Heat stabilized or stable to heat

**Features**

Low Warpage

**Chemical Resistance**

General Chemical Resistance

**Applications**

Automotive

**Regional Availability**

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