

**TOYOLAC® 100G-23R**

ABS-(GF+GS)23

Toray Industries, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	37	g/10min	ISO 1133
Temperature	240	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	84	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	6290	MPa	ISO 178
Charpy notched impact strength, +23°C	7	kJ/m <sup>2</sup>	ISO 179/1eA
<b>ASTM Data</b>			
Tensile Strength	88	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	6700	MPa	ASTM D 790
Izod Impact notched, 1/8 in	77	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	103	°C	ISO 75-1/-2
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	103	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1230	kg/m <sup>3</sup>	ISO 1183
Density	1230	kg/m <sup>3</sup>	ASTM D 792

**Characteristics****Delivery form**

Pellets

**Features**

Low Warpage

**Regional Availability**

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