

TOYOLAC® VX10G20

(ABS+PBT)-GF20

Toray Industries, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	36	g/10min	ISO 1133
Temperature	240	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Tensile Strength	101	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural modulus, 23°C	6050	MPa	ISO 178
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength	105	MPa	ASTM D 638
Elongation at Break	4	%	ASTM D 638
Flexural Modulus	5490	MPa	ASTM D 790
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	112	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	121	°C	ASTM D 648
Other properties			
Density	1300	kg/m ³	ISO 1183
Density	1300	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

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