

Property	Test Condition	Test Method ISO	Units	Alloy	
				ABS/PBT Alloy, GF20%	
				VX10G20	
				>PBT+ABS-GF20<	
Physical property					
Density	23°C	ISO1183	kg/m ³		1300
Specific Gravity		ASTM D792	-		1.3
Mechanical property					
Tensile strength	23°C	ISO527-1,2	MPa		101
Tensile strength		ASTM D638	MPa		105
Tensile elongation at Break		ASTM D638	%		4
Elongation at Break	23°C	ISO527-1,2	%		4
Flexural Strength	23°C	ISO178	MPa		158
Flexural Strength		ASTM D790	MPa		145
Flexural Modulus	23°C/50% RH	ISO 178	MPa		6050
Flexural Modulus		ASTM D790	MPa		5490
Charpy Impact Strength (V-notched)	23°C	ISO179	kJ/m ²		10
Izod Impact Strength (V-notched)	23°C 12.7mm	ASTM D256	J/m		99
Heat property					
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	°C		112
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	°C		121
Flammability		UL94	rank/thickness mm		HB
Molding property					
Mold shrinkage	23°C/50% RH	Toray Method	%		0.4-0.7
Melt Flow Rate	240°C/98N	ISO 1133	g/10min		36

These values are typical data for this product under specific test conditions and not intended for use as limiting specifications.

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