

Property	Test Condition	Test Method ISO	Units	Alloy	
				ABS/PBT Alloy	
				VX10-X01	
				>PBT+ABS<	
Physical property					
Density	23°C	ISO1183	kg/m ³		1140
Specific Gravity		ASTM D792	-		1.14
Mechanical property					
Tensile strength	23°C	ISO527-1,2	MPa		45
Tensile strength		ASTM D638	MPa		43
Tensile elongation at Break		ASTM D638	%		50
Elongation at Break	23°C	ISO527-1,2	%		10
Flexural Strength	23°C	ISO178	MPa		68
Flexural Strength		ASTM D790	MPa		66
Flexural Modulus	23°C/50% RH	ISO 178	MPa		1980
Flexural Modulus		ASTM D790	MPa		1930
Rockwell Hardness	23°C	ISO2039-2	R Scale		108
Rockwell Hardness	23°C/50% RH	ASTM D785	Rスケール		108
Charpy Impact Strength (V-notched)	23°C	ISO179	kJ/m ²		45
Izod Impact Strength (V-notched)	23°C 12.7mm	ASTM D256	J/m		200
Izod Impact Strength (V-notched)	-30°C 12.7mm	ASTM D256	J/m		69
Izod Impact Strength (V-notched)	23°C 3.2mm	ASTM D256	J/m		470
Izod Impact Strength (V-notched)	-30°C 3.2mm	ASTM D256	J/m		102
Heat property					
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	°C		82
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	°C		92
Flammability		UL94	rank/thickness mmt		HB
Molding property					
Mold shrinkage	23°C/50% RH	Toray Method	%		0.6-0.9
Melt Flow Rate	240°C/98N	ISO 1133	g/10min		21

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

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