

Property	Test Condition	Test Method ISO	Units	Alloy
				ABS/PA Alloy
				SX01
				>PA6+ABS<
Physical property				
Density	23℃	ISO1183	kg/m ³	1070
Specific Gravity		ASTM D792	-	1.07
Mechanical property				
Tensile strength	23℃	ISO527-1,2	MPa	51
Tensile strength		ASTM D638	MPa	46
Tensile elongation at Break		ASTM D638	%	50
Elongation at Break	23℃	ISO527-1,2	%	50
Flexural Strength	23℃	ISO 178	MPa	72
Flexural Strength		ASTM D790	MPa	68
Flexural Modulus	23℃/50% RH	ISO 178	MPa	1860
Flexural Modulus		ASTM D790	MPa	1780
Rockwell Hardness	23℃	ISO2039-2	R Scale	103
Rockwell Hardness	23℃/50% RH	ASTM D785	Rスケール	103
Charpy Impact Strength (V-notched)	23℃	ISO179	kJ/m ²	74
Izod Impact Strength (V-notched)	23℃ 12.7mm	ASTM D256	J/m	588
Izod Impact Strength (V-notched)	23℃ 3.2mm	ASTM D256	J/m	883
Heat property				
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	℃	67
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	℃	78
Flammability		UL94	rank/thickness mm	HB
Molding property				
Mold shrinkage	23℃/50% RH	Toray Method	%	0.6-1.3
Melt Flow Rate	240℃/98N	ISO 1133	g/10min	22

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

