

Property	Test Condition	Test Method ISO	Units	Heat resistant
				Heat resistant
				440Y-X01
				>ABS<
Physical property				
Density	23℃	ISO1183	kg/m ³	1060
Specific Gravity		ASTM D792	-	1.06
Mechanical property				
Tensile strength	23℃	ISO527-1,2	MPa	54
Tensile strength		ASTM D638	MPa	44
Tensile elongation at Break		ASTM D638	%	15
Elongation at Break	23℃	ISO527-1,2	%	12
Flexural Strength	23℃	ISO178	MPa	82
Flexural Strength		ASTM D790	MPa	77
Flexural Modulus	23℃/50% RH	ISO 178	MPa	2470
Flexural Modulus		ASTM D790	MPa	2500
Rockwell Hardness	23℃	ISO2039-2	R Scale	115
Rockwell Hardness	23℃/50% RH	ASTM D785	Rスケール	115
Charpy Impact Strength (V-notched)	23℃	ISO179	kJ/m ²	16
Ball Pressure Temp./0.1mm Vicat Softening Temp.			℃	100～100
Izod Impact Strength (V-notched)	23℃ 12.7mm	ASTM D256	J/m	157
Izod Impact Strength (V-notched)	-30℃ 12.7mm	ASTM D256	J/m	91
Izod Impact Strength (V-notched)	23℃ 3.2mm	ASTM D256	J/m	206
Izod Impact Strength (V-notched)	-30℃ 3.2mm	ASTM D256	J/m	98
Heat property				
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	℃	92
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	℃	95
Flammability		UL94	rank/thickness mm	HB
Molding property				
Mold shrinkage	23℃/50% RH	Toray Method	%	0.5-0.7
Melt Flow Rate	220℃/98N	ISO 1133	g/10min	10

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

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