

Property	Test Condition	Test Method ISO	Units	Heat resistant
				Super high heat resistant
				470Y-TG1
				>ABS<
Physical property				
Density	23°C	ISO1183	kg/m ³	1080
Specific Gravity		ASTM D792	-	1.08
Mechanical property				
Tensile strength	23°C	ISO527-1,2	MPa	45
Tensile strength		ASTM D638	MPa	40
Tensile elongation at Break		ASTM D638	%	15
Elongation at Break	23°C	ISO527-1,2	%	15
Flexural Strength	23°C	ISO178	MPa	71
Flexural Strength		ASTM D790	MPa	66
Flexural Modulus	23°C/50% RH	ISO 178	MPa	2080
Flexural Modulus		ASTM D790	MPa	2060
Rockwell Hardness	23°C	ISO2039-2	R Scale	111
Rockwell Hardness	23°C/50% RH	ASTM D785	Rスケール	111
Charpy Impact Strength (V-notched)	23°C	ISO179	kJ/m ²	14
Ball Pressure Temp./0.1mm Vicat Softening Temp.			°C	120~120
Izod Impact Strength (V-notched)	23°C 12.7mm	ASTM D256	J/m	167
Izod Impact Strength (V-notched)	-30°C 12.7mm	ASTM D256	J/m	90
Izod Impact Strength (V-notched)	-30°C 3.2mm	ASTM D256	J/m	96
Heat property				
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	°C	103
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	°C	110
Flammability		UL94	rank/thickness mm	HB
Molding property				
Mold shrinkage	23°C/50% RH	Toray Method	%	0.5-0.8
Melt Flow Rate	220°C/98N	ISO 1133	g/10min	2

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

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