

Property	Test Condition	Test Method ISO	Units	Durable anti-static
				High anti-static
				TP70
				>ABS<
Physical property				
Density	23°C	ISO1183	kg/m ³	1060
Specific Gravity		ASTM D792	-	1.06
Mechanical property				
Tensile strength	23°C	ISO527-1,2	MPa	49
Tensile strength		ASTM D638	MPa	35
Tensile elongation at Break		ASTM D638	%	10
Elongation at Break	23°C	ISO527-1,2	%	10
Flexural Strength	23°C	ISO178	MPa	64
Flexural Strength		ASTM D790	MPa	65
Flexural Modulus	23°C/50% RH	ISO 178	MPa	1830
Flexural Modulus		ASTM D790	MPa	2000
Rockwell Hardness	23°C	ISO2039-2	R Scale	100
Rockwell Hardness	23°C/50% RH	ASTM D785	Rスケール	100
Charpy Impact Strength (V-notched)	23°C	ISO179	kJ/m ²	17
Izod Impact Strength (V-notched)	23°C 12.7mm	ASTM D256	J/m	234
Izod Impact Strength (V-notched)	23°C 3.2mm	ASTM D256	J/m	66
Heat property				
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	°C	85
Flammability		UL94	rank/thickness mt	HB
Electrical property				
Electrostatic Voltage	23°C,50%,24hr	Toray Method	V	290
Half-life period of Electrostatic Voltage decay	23°C,50%,24hr	Toray Method	Sec.	0.3
Surface Resistivity	23°C,50%,24hr	ASTM D257	Ω	4×10 ⁹
Molding property				
Mold shrinkage	23°C/50% RH	Toray Method	%	0.5-0.7
Melt Flow Rate	220°C/98N	ISO 1133	g/10min	29

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

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