

Property	Test Condition	Test Method ISO	Units	Durable anti-static	
				Flame retardant, V-0	
				TP88	
				>ABS-FR(10+17)<	
Physical property					
Density	23°C	ISO1183	kg/m ³		1180
Specific Gravity		ASTM D792	-		1.18
Mechanical property					
Tensile strength	23°C	ISO527-1,2	MPa		39
Tensile strength		ASTM D638	MPa		35
Tensile elongation at Break		ASTM D638	%		10
Elongation at Break	23°C	ISO527-1,2	%		17
Flexural Strength	23°C	ISO178	MPa		55
Flexural Strength		ASTM D790	MPa		55
Flexural Modulus	23°C/50% RH	ISO 178	MPa		1610
Flexural Modulus		ASTM D790	MPa		1670
Rockwell Hardness	23°C	ISO2039-2	R Scale		96
Rockwell Hardness	23°C/50% RH	ASTM D785	Rスケール		96
Charpy Impact Strength (V-notched)	23°C	ISO179	kJ/m ²		25
Ball Pressure Temp./0.1mm Vicat Softening Temp.			°C		95~95
Izod Impact Strength (V-notched)	23°C 12.7mm	ASTM D256	J/m		177
Izod Impact Strength (V-notched)	23°C 3.2mm	ASTM D256	J/m		98
Heat property					
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	°C		85
Flammability		UL94	rank/thickness mm		V-0(1.5mm)
Electrical property					
Electrostatic Voltage	23°C,50%,24hr	Toray Method	V		1000
Half-life period of Electrostatic Voltage decay	23°C,50%,24hr	Toray Method	Sec.		0.8
Surface Resistivity	23°C,50%,24hr	ASTM D257	Ω		5x10 ¹²
Molding property					
Mold shrinkage	23°C/50% RH	Toray Method	%		0.5-0.8
Melt Flow Rate	220°C/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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