

Property	Test Condition	Test Method ISO	Units	Durable anti-static	
				Standard	
				TP10	
				>ABS<	
Physical property					
Density	23℃	ISO1183	kg/m ³	1050	
Specific Gravity		ASTM D792	-	1.05	
Mechanical property					
Tensile strength	23℃	ISO527-1,2	MPa	53	
Tensile strength		ASTM D638	MPa	46	
Tensile elongation at Break		ASTM D638	%	10	
Elongation at Break	23℃	ISO527-1,2	%	13	
Flexural Strength	23℃	ISO178	MPa	75	
Flexural Strength		ASTM D790	MPa	73	
Flexural Modulus	23℃/50% RH	ISO 178	MPa	2200	
Flexural Modulus		ASTM D790	MPa	2160	
Rockwell Hardness	23℃	ISO2039-2	R Scale	109	
Rockwell Hardness	23℃/50% RH	ASTM D785	Rスケール	109	
Charpy Impact Strength (V-notched)	23℃	ISO179	kJ/m ²	13	
Ball Pressure Temp./0.1mm Vicat Softening Temp.			℃	95~95	
Izod Impact Strength (V-notched)	23℃ 12.7mm	ASTM D256	J/m	186	
Izod Impact Strength (V-notched)	23℃ 3.2mm	ASTM D256	J/m	69	
Heat property					
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	℃	86	
Flammability		UL94	rank/thickness mm	HB	
Electrical property					
Electrostatic Voltage	23℃,50%,24hr	Toray Method	V	660	
Half-life period of Electrostatic Voltage decay	23℃,50%,24hr	Toray Method	Sec.	0.4	
Surface Resistivity	23℃,50%,24hr	ASTM D257	Ω	10 ¹¹	
Molding property					
Mold shrinkage	23℃/50% RH	Toray Method	%	0.5-0.7	
Melt Flow Rate	220℃/98N	ISO 1133	g/10min	26	

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

