

Property	Test Condition	Test Method ISO	Units	Durable anti-static	
				Flame retardant, 5VA	
				TP86F-X01	
				>ABS-FR(17)<	
Physical property					
Density	23°C	ISO1183	kg/m ³		1160
Specific Gravity		ASTM D792	-		1.16
Mechanical property					
Tensile strength	23°C	ISO527-1,2	MPa		48
Tensile strength		ASTM D638	MPa		40
Tensile elongation at Break		ASTM D638	%		10
Elongation at Break	23°C	ISO527-1,2	%		14
Flexural Strength	23°C	ISO178	MPa		74
Flexural Strength		ASTM D790	MPa		69
Flexural Modulus	23°C/50% RH	ISO 178	MPa		2420
Flexural Modulus		ASTM D790	MPa		2310
Charpy Impact Strength (V-notched)	23°C	ISO179	kJ/m ²		6
Izod Impact Strength (V-notched)	23°C 12.7mm	ASTM D256	J/m		92
Heat property					
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	°C		86
Flammability		UL94	rank/thickness mm		5VA(2.5mm)
Electrical property					
Surface Resistivity	23°C,50%,24hr	ASTM D257	Ω		6x10 ¹²
Molding property					
Melt Flow Rate	220°C/98N	ISO 1133	g/10min		53

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

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