

Property	Test Condition	Test Method ISO	Units	Flame retardant
				V-0, 5VA
				844V-X05
				>ABS-FR(17)<
Physical property				
Density	23℃	ISO1183	kg/m ³	1160
Specific Gravity		ASTM D792	-	1.16
Mechanical property				
Tensile strength	23℃	ISO527-1,2	MPa	43
Tensile strength		ASTM D638	MPa	41
Tensile elongation at Break		ASTM D638	%	5
Elongation at Break	23℃	ISO527-1,2	%	5
Flexural Strength	23℃	ISO178	MPa	65
Flexural Strength		ASTM D790	MPa	66
Flexural Modulus	23℃/50% RH	ISO 178	MPa	2100
Flexural Modulus		ASTM D790	MPa	2230
Rockwell Hardness	23℃	ISO2039-2	R Scale	105
Rockwell Hardness	23℃/50% RH	ASTM D785	Rスケール	105
Charpy Impact Strength (V-notched)	23℃	ISO179	kJ/m ²	14
Ball Pressure Temp./0.1mm Vicat Softening T emp.			℃	90～90
Izod Impact Strength (V-notched)	23℃ 12.7mm	ASTM D256	J/m	139
Heat property				
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	℃	74
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	℃	82
Flammability		UL94	rank/thickness mmt	5VA(2.5mm)
Molding property				
Mold shrinkage	23℃/50% RH	Toray Method	%	0.4-0.7
Melt Flow Rate	220℃/98N	ISO 1133	g/10min	34

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

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