

Property	Test Condition	Test Method ISO	Units	Flame retardant	
				V-0, 5VA	
				834V-X01	
				>ABS-FR(17)<	
Physical property					
Density	23℃	ISO1183	kg/m ³	1140	
Specific Gravity		ASTM D792	-	1.14	
Mechanical property					
Tensile strength	23℃	ISO527-1,2	MPa	44	
Tensile strength		ASTM D638	MPa	42	
Tensile elongation at Break		ASTM D638	%	5	
Elongation at Break	23℃	ISO527-1,2	%	5	
Flexural Strength	23℃	ISO178	MPa	64	
Flexural Strength		ASTM D790	MPa	65	
Flexural Modulus	23℃/50% RH	ISO 178	MPa	2050	
Flexural Modulus		ASTM D790	MPa	2200	
Rockwell Hardness	23℃	ISO2039-2	R Scale	103	
Rockwell Hardness	23℃/50% RH	ASTM D785	Rスケール	103	
Charpy Impact Strength (V-notched)	23℃	ISO179	kJ/m ²	17	
Ball Pressure Temp./0.1mm Vicat Softening T emp.			℃	90～90	
Izod Impact Strength (V-notched)	23℃ 12.7mm	ASTM D256	J/m	157	
Heat property					
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	℃	76	
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	℃	84	
Flammability		UL94	rank/thickness mmt	5VA(3.0mm)	
Molding property					
Mold shrinkage	23℃/50% RH	Toray Method	%	0.4-0.7	
Melt Flow Rate	220℃/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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