

Property	Test Condition	Test Method ISO	Units	Standard
				Middle impact
				700 314
				>ABS<
<b>Physical property</b>				
Density	23°C	ISO1183	kg/m <sup>3</sup>	1050
Specific Gravity		ASTM D792	-	1.05
<b>Mechanical property</b>				
Tensile strength	23°C	ISO527-1,2	MPa	54
Tensile strength		ASTM D638	MPa	50
Tensile elongation at Break		ASTM D638	%	35
Elongation at Break	23°C	ISO527-1,2	%	18
Flexural Strength	23°C	ISO178	MPa	81
Flexural Strength		ASTM D790	MPa	76
Flexural Modulus	23°C/50%RH	ISO 178	MPa	2540
Flexural Modulus		ASTM D790	MPa	2450
Rockwell Hardness	23°C	ISO2039-2	R Scale	115
Rockwell Hardness	23°C/50%RH	ASTM D785	Rスケール	115
Charpy Impact Strength (V-notched)	23°C	ISO179	kJ/m <sup>2</sup>	17
Ball Pressure Temp./0.1mm Vicat Softening Temp.			°C	95~95
Izod Impact Strength (V-notched)	23°C 12.7mm	ASTM D256	J/m	186
Izod Impact Strength (V-notched)	0°C 12.7mm	ASTM D256	J/m	108
Izod Impact Strength (V-notched)	-30°C 12.7mm	ASTM D256	J/m	78
Izod Impact Strength (V-notched)	23°C 3.2mm	ASTM D256	J/m	196
Izod Impact Strength (V-notched)	0°C 3.2mm	ASTM D256	J/m	157
Izod Impact Strength (V-notched)	-30°C 3.2mm	ASTM D256	J/m	118
<b>Heat property</b>				
Coef of Linear Thermal Expansion	-	ASTM D696	°C <sup>-1</sup>	0.000071
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	°C	82
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	°C	87
Flammability		UL94	rank/thickness mm	HB
<b>Molding property</b>				
Mold shrinkage	23°C/50%RH	Toray Method	%	0.4-0.6
Melt Flow Rate	220°C/98N	ISO 1133	g/10min	23

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


  
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