

Property	Test Condition	Test Method ISO	Units	Standard	
				Super high impact	
				300-325	
				>ABS<	
Physical property					
Density	23°C	ISO1183	kg/m ³		1040
Specific Gravity		ASTM D792	-		1.04
Mechanical property					
Tensile strength	23°C	ISO527-1,2	MPa		43
Tensile strength		ASTM D638	MPa		39
Tensile elongation at Break		ASTM D638	%		50
Elongation at Break	23°C	ISO527-1,2	%		16
Flexural Strength	23°C	ISO178	MPa		60
Flexural Strength		ASTM D790	MPa		57
Flexural Modulus	23°C/50% RH	ISO 178	MPa		1800
Flexural Modulus		ASTM D790	MPa		1810
Rockwell Hardness	23°C	ISO2039-2	R Scale		100
Rockwell Hardness	23°C/50% RH	ASTM D785	Rスケール		100
Charpy Impact Strength (V-notched)	23°C	ISO179	kJ/m ²		27
Ball Pressure Temp./0.1mm Vicat Softening Temp.			°C		90~95
Izod Impact Strength (V-notched)	23°C 12.7mm	ASTM D256	J/m		333
Izod Impact Strength (V-notched)	0°C 12.7mm	ASTM D256	J/m		206
Izod Impact Strength (V-notched)	-30°C 12.7mm	ASTM D256	J/m		147
Izod Impact Strength (V-notched)	23°C 3.2mm	ASTM D256	J/m		343
Izod Impact Strength (V-notched)	0°C 3.2mm	ASTM D256	J/m		235
Izod Impact Strength (V-notched)	-30°C 3.2mm	ASTM D256	J/m		157
Heat property					
Coef of Linear Thermal Expansion	-	ASTM D696	°C ⁻¹		0.000083
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	°C		80
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	°C		84
Flammability		UL94	rank/thickness mmt		HB
Molding property					
Mold shrinkage	23°C/50% RH	Toray Method	%		0.4-0.6
Melt Flow Rate	220°C/98N	ISO 1133	g/10min		10

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

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