

Property	Test Condition	Test Method ISO	Units	Plating
				High flow
				TM335-GM1
				>ABS<
Physical property				
Density	23℃	ISO1183	kg/m ³	1040
Specific Gravity		ASTM D792	-	1.04
Mechanical property				
Tensile strength	23℃	ISO527-1,2	MPa	44
Tensile strength		ASTM D638	MPa	42
Tensile elongation at Break		ASTM D638	%	10
Elongation at Break	23℃	ISO527-1,2	%	41
Flexural Strength	23℃	ISO178	MPa	69
Flexural Strength		ASTM D790	MPa	65
Flexural Modulus	23℃/50% RH	ISO 178	MPa	2300
Flexural Modulus		ASTM D790	MPa	2350
Rockwell Hardness	23℃	ISO2039-2	R Scale	112
Rockwell Hardness	23℃/50% RH	ASTM D785	Rスケール	112
Charpy Impact Strength (V-notched)	23℃	ISO179	kJ/m ²	24
Izod Impact Strength (V-notched)	23℃ 12.7mm	ASTM D256	J/m	250
Izod Impact Strength (V-notched)	-30℃ 12.7mm	ASTM D256	J/m	94
Heat property				
Coef of Linear Thermal Expansion	—	ASTM D696	℃ ⁻¹	0.000083
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	℃	84
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	℃	88
Molding property				
Mold shrinkage	23℃/50% RH	Toray Method	%	0.4-0.7
Melt Flow Rate	220℃/98N	ISO 1133	g/10min	25

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

