

Property	Test Condition	Test Method ISO	Units	Plating
				Standard
				125-X82
				>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	48
Tensile strength		ASTM D638	MPa	43
Tensile elongation at Break		ASTM D638	%	20
Elongation at Break	23°C	ISO527-1,2	%	33
Flexural Strength	23°C	ISO178	MPa	72
Flexural Strength		ASTM D790	MPa	71
Flexural Modulus	23°C/50% RH	ISO 178	MPa	2330
Flexural Modulus		ASTM D790	MPa	2350
Rockwell Hardness	23°C	ISO2039-2	R Scale	111
Rockwell Hardness	23°C/50% RH	ASTM D785	Rスケール	111
Charpy Impact Strength (V-notched)	23°C	ISO179	kJ/m ²	20
Ball Pressure Temp./0.1mm Vicat Softening Temp.			°C	90~95
Izod Impact Strength (V-notched)	23°C 12.7mm	ASTM D256	J/m	245
Heat property				
Coef of Linear Thermal Expansion	-	ASTM D696	°C ⁻¹	0.000071
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	°C	83
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	22

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

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