

Property	Test Condition	Test Method ISO	Units	GF reinforced ABS resin
				GF30%
				100G-30
				>ABS-GF30<
Physical property				
Density	23℃	ISO1183	kg/m ³	1260
Specific Gravity		ASTM D792	-	1.26
Mechanical property				
Tensile strength	23℃	ISO527-1,2	MPa	109
Tensile strength		ASTM D638	MPa	118
Tensile elongation at Break		ASTM D638	%	3
Elongation at Break	23℃	ISO527-1,2	%	2
Flexural Strength	23℃	ISO178	MPa	175
Flexural Strength		ASTM D790	MPa	160
Flexural Modulus	23℃/50% RH	ISO 178	MPa	8950
Flexural Modulus		ASTM D790	MPa	8500
Rockwell Hardness	23℃	ISO2039-2	R Scale	125
Rockwell Hardness	23℃/50% RH	ASTM D785	Rスケール	125
Charpy Impact Strength (V-notched)	23℃	ISO179	kJ/m ²	7
Ball Pressure Temp./0.1mm Vicat Softening T emp.			℃	95～95
Izod Impact Strength (V-notched)	23℃ 12.7mm	ASTM D256	J/m	49
Heat property				
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	℃	105
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	℃	104
Flammability		UL94	rank/thickness mmt	HB
Molding property				
Mold shrinkage	23℃/50% RH	Toray Method	%	0.1-0.3
Melt Flow Rate	240℃/98N	ISO 1133	g/10min	13

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

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