

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 Temp.			℃		95~95
Izod Impact Strength (V-notched)	23℃ 12.7mm	ASTM D256	J/m		49
Heat property					
Heat Deflection Temp High Load	1.80MPa	ISO 75-1,2	℃		105
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	℃		104
Flammability		UL94	rank/thickness mm		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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