

Property	Test Condition	Test Method ISO	Units	GF reinforced ABS resin	
				Low Warpage, (GF+GS)30%	
				100G-30R	
				>ABS-(GF+GS)30<	
<b>Physical property</b>					
Density	23℃	ISO1183	kg/m <sup>3</sup>		1260
Specific Gravity		ASTM D792	-		1.26
<b>Mechanical property</b>					
Tensile strength	23℃	ISO527-1,2	MPa		89
Elongation at Break	23℃	ISO527-1,2	%		2
Flexural Strength	23℃	ISO178	MPa		144
Flexural Modulus	23℃/50% RH	ISO 178	MPa		7300
Rockwell Hardness	23℃	ISO2039-2	R Scale		117
Rockwell Hardness	23℃/50% RH	ASTM D785	Rスケール		117
Charpy Impact Strength (V-notched)	23℃	ISO179	kJ/m <sup>2</sup>		7
Ball Pressure Temp./0.1mm Vicat Softening Temp.			℃		95~95
<b>Heat property</b>					
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	℃		104
Flammability		UL94	rank/thickness mm		HB
<b>Molding property</b>					
Mold shrinkage	23℃/50% RH	Toray Method	%		0.1-0.3
Melt Flow Rate	240℃/98N	ISO 1133	g/10min		32

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

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