

Property	Test Condition	Test Method ISO	Units	GF reinforced AS Resin	
				GF40%	
				ASG-40	
				>SAN-GF40<	
<b>Physical property</b>					
Density	23°C	ISO1183	kg/m <sup>3</sup>		1400
Specific Gravity		ASTM D792	-		1.4
<b>Mechanical property</b>					
Tensile strength	23°C	ISO527-1,2	MPa		125
Tensile strength		ASTM D638	MPa		137
Tensile elongation at Break		ASTM D638	%		3
Elongation at Break	23°C	ISO527-1,2	%		2
Flexural Strength	23°C	ISO178	MPa		200
Flexural Strength		ASTM D790	MPa		160
Flexural Modulus	23°C/50% RH	ISO 178	MPa		13140
Flexural Modulus		ASTM D790	MPa		10800
Rockwell Hardness	23°C	ISO2039-2	R Scale		125
Rockwell Hardness	23°C/50% RH	ASTM D785	Rスケール		125
Charpy Impact Strength (V-notched)	23°C	ISO179	kJ/m <sup>2</sup>		5
Izod Impact Strength (V-notched)	23°C 12.7mm	ASTM D256	J/m		39
<b>Heat property</b>					
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	°C		110
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	°C		111
Flammability		UL94	rank/thickness mmt		HB
<b>Molding property</b>					
Mold shrinkage	23°C/50% RH	Toray Method	%		0.1-0.3
Melt Flow Rate	240°C/98N	ISO 1133	g/10min		18

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

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