

Property	Test Condition	Test Method ISO	Units	GF reinforced AS Resin
				GF20%
				ASG-20
				>SAN-GF20<
Physical property				
Density	23℃	ISO1183	kg/m ³	1220
Specific Gravity		ASTM D792	-	1.22
Mechanical property				
Tensile strength	23℃	ISO527-1,2	MPa	118
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	170
Flexural Strength		ASTM D790	MPa	150
Flexural Modulus	23℃/50% RH	ISO 178	MPa	7700
Flexural Modulus		ASTM D790	MPa	7200
Rockwell Hardness	23℃	ISO2039-2	R Scale	123
Rockwell Hardness	23℃/50% RH	ASTM D785	Rスケール	123
Charpy Impact Strength (V-notched)	23℃	ISO179	kJ/m ²	5
Ball Pressure Temp./0.1mm Vicat Softening T emp.			℃	100～105
Izod Impact Strength (V-notched)	23℃ 12.7mm	ASTM D256	J/m	39
Heat property				
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	℃	108
Heat Deflection Temp(Unannealed)High Load	6.4mm/1.82MPa	ASTM D648	℃	110
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	27

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

