

# AM1201

ABS

/ GF Reinforced

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## Properties

### Physical

Specific Gravity	ASTM D792	23	-	1.23
Mold Shrinkage	NPK Method	-	%	0.2~0.3

### Mechanical

Tensile Strength at yield	ASTM D638	1/8", 5mm/min	kg/cm <sup>2</sup>	800
Elongation at break	ASTM D638	1/8", 5mm/min	%	5
Flexural Strength	ASTM D790	1/8", 1.3mm/min	kg/cm <sup>2</sup>	1100
Flexural Modulus	ASTM D790	1/8", 1.3mm/min	kg/cm <sup>2</sup>	50,000
IZOD (Notched) IZOD Impact Strength	ASTM D256	1/4", 23	kgcm/cm	7.5

### Thermal

Melt Flow Index	ASTM D1238	220 , 10kg	g/10min	10
Heat Deflection Temperature	ASTM D648	1/4", 4.6kgf/cm <sup>2</sup> 1/4", 18.5kgf/cm <sup>2</sup>		98

Data  
The listed values should be used for referential purpose only.



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