

## ISO Property

<b>INFINO.</b>	Grade	HN-3203G
	Resin Type	PC/GF

Item	Measuring Method	Condition	Unit	Value
<b>Physical</b>				
Specific Gravity	ISO 1183	Natural or representative color	-	1.33
Melt Flow Index	ISO 1133	250 °C, 10kg	g/10min	9.8
ASH Content	ISO 3451	-	%	19
<b>Mechanical</b>				
Tensile Strength at Yield	ISO 527	50mm/min	MPa	101
Tensile Strain at break	ISO 527	50mm/min	%	3.4
Tensile Modulus	ISO 527	50mm/min	MPa	5000
Tensile Strength at break	ISO 527	50mm/min	MPa	101
Flexural Strength	ISO 178		MPa	137
Flexural Modulus	ISO 178		MPa	5300
Izod Impact Strength (notched)	ISO 180 1A	at 23°C, 4mm	KJ/m <sup>2</sup>	10
Charpy Impact Strength (V-notched)	ISO 179 1eA	at 23°C, 4mm	KJ/m <sup>2</sup>	12
Rockwell Hardness	ISO 2039-2	R-scale	-	120
<b>Thermal</b>				
Heat Deflection Temperature(Unannealed)	ISO 75-2	1.8MPa, 4.0mm	°C	140
Heat Deflection Temperature(Unannealed)	ISO 75-2	0.45MPa, 4.0mm	°C	145
VICAT Softening Temperature	ISO R 306	B/50	°C	149
VICAT Softening Temperature	ISO R 306	B/120	°C	152
<b>Flammability</b>				
Flammability	UL94	V-0	mm	1.5,3.0,6.0

1. The value above is the representative value of the NP or representative color and may have deviation. It can only be used for selecting materials.
2. The value above shall not be regarded as a material specification and cannot be used for molding designs.

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