

ISO Property

INFINO.	Grade	TK-2046H
	Resin Type	PCT/GF

Item	Measuring Method	Condition	Unit	Value
Physical				
Specific Gravity	ISO 1183	Natural or representative color	-	1.6
Melt Flow Index	ISO 1133	300 °C, 2.16kg	g/10min	60
Mold Shrinkage(MD)	ISO 2577	Flow at 3.2mm(MD)	%	0.41-0.5
Mold Shrinkage(TD)	ISO 2577	X-Flow at 3.2mm(TD)	%	0.61-0.74
Mechanical				
Tensile Strength at Yield	ISO 527	5mm/min	MPa	62
Flexural Strength	ISO 178	2mm/min	MPa	90
Flexural Modulus	ISO 178	2mm/min	MPa	7000
Izod Impact Strength (notched)	ISO 180 1A	at 23°C, 4mm	KJ/m ²	2
Charpy Impact Strength (V-notched)	ISO 179 1eA	at 23°C, 4mm	KJ/m ²	2
Thermal				
Heat Deflection Temperature(Unannealed)	ISO 75-2	1.8MPa, 4.0mm	°C	260
Flammability				
Flammability	UL94	HB	mm	1.5-3.0

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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