

ISO Property

INFINO.	Grade	CF-3200HF
	Resin Type	PC/GF

Item	Measuring Method	Condition	Unit	Value
Physical				
Specific Gravity	ISO 1183	Natural or representative color	-	1.33
Water Absorption	ISO 62	23°C	%	0.3
Melt Flow Index	ISO 1133	250 °C, 10kg	g/10min	23
Mold Shrinkage(MD)	ISO 2577	Flow at 3.2mm(MD)	%	0.3-0.5
Mechanical				
Tensile Strength at Yield	ISO 527	5mm/min	MPa	100
Flexural Strength	ISO 178	2mm/min	MPa	170
Flexural Modulus	ISO 178	2mm/min	MPa	6000
Izod Impact Strength (notched)	ISO 180 1A	at 23°C, 4mm	KJ/m ²	19
Charpy Impact Strength (V-notched)	ISO 179 1eA	at 23°C, 4mm	KJ/m ²	25
Rockwell Hardness	ISO 2039-2	R-scale	-	116
Thermal				
VICAT Softening Temperature	ISO R 306	B/50	°C	137
Flammability				
Flammability	UL94	V-2	mm	0.8
Flammability	UL94	V-1	mm	3.2

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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※ The last update date : 01/24/2013