

ASTM Property

INFINO.	Grade	NH-1015V
	Resin Type	PC/ABS

Item	Measuring Method	Condition	Unit	Value
Physical				
Specific Gravity	ASTM D792	Natural or representative color	-	1.17
Melt Flow Index	ASTM D1238	220 °C, 10kg	g/10min	30
Mold Shrinkage(MD)	ASTM D955	Flow at 3.2mm(MD)	%	0.5-0.7
Mechanical				
Tensile Strength at Yield	ASTM D638	50mm/min	kgf/cm ²	650
Flexural Strength	ASTM D790	2.8mm/min	kgf/cm ²	890
Flexural Modulus	ASTM D790	2.8mm/min	kgf/cm ²	24000
Izod Impact Strength(notched)	ASTM D256	1/8 inch at 23°C	kgf-cm/cm	55
Rockwell Hardness	ASTM D785	R-Scale	-	118
Thermal				
Heat Deflection Temperature	ASTM D648	18.56kgf/cm ² , 6.4mm	°C	86
VICAT Softening Temperature	ISO R 306	B/50	°C	100
RTI, Ele	UL 746B	1.5, V-0	°C	90
RTI, Imp	UL 746B	1.5, V-0	°C	85
RTI, Str	UL 746B	1.5, V-0	°C	90
Flammability				
Flammability	UL94	V-0	mm	1.5
Flammability	UL94	5VB	mm	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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