

ASTM Property

INFINO	Grade	NH-1017D
	Resin Type	PC/ABS

E&E

Item	Measuring Method	Condition	Unit	Value
Physical				
Specific Gravity	ASTM D792	Natural or representative color	-	1.19
Melt Flow Index	ASTM D1238	220°C, 10kg	g/10min	46
Mechanical				
Tensile Strength at Yield	ASTM D638	50mm/min	kgf/cm ²	600
Flexural Strength	ASTM D790	2.8mm/min	kgf/cm ²	850
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	60
Rockwell Hardness	ASTM D785	R-Scale	-	118
Thermal				
VICAT Softening Temperature	ISO 306	B/50	°C	98
RTI, Ele	UL 746B	2.0, V-0 5VB	°C	85
RTI, Imp	UL 746B	2.0, V-0 5VB	°C	85
RTI, Str	UL 746B	2.0, V-0 5VB	°C	85
Flammability				
Flammability	UL94	HB	mm	0.8
Flammability	UL94	V-0	mm	2.0,3.0
Flammability	UL94	5VB	mm	2.0,3.0

1. The above figures are the representative values based on NP, which may vary from color to color, and can be used as a reference only for the purpose of selecting materials.
2. The above figures are basic guidelines for selecting materials; therefore, they are not regarded as the official specifications for materials involved, and cannot be used for the purpose of designing a mold.
3. The above values can be adjusted in accordance with processing conditions, and the specific change in value is allowed only within a limited range in which adjustment has no adverse or negative impact on the final product.

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