

# INFINO NH-1000T

Flame-retardant PC/ ABS material with the characteristic of High-impact resistance and high flow ability that can be applied to the exterior material of monitor

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	V-2	UL94	mm	0,75
	Flammability	V-0	UL94	mm	2,1,2,5,3,0
	Flammability	5VA	UL94	mm	3
	Flammability	5VB	UL94	mm	2,0, 2,1, 2,5
	Flammability	V-1	UL94	mm	1,5,2,0
Physical	Specific Gravity	Natural Color	ASTM D792	-	1,18
	Melt Flow Index	220°C, 10kg	ASTM D1238	g/10min	39
	Mold Shrinkage	-	ASTM D955	%	0,5-0,7
Thermal	Heat Deflection Temperature		ASTM D648	°C	80
	Vicat Softening Temperature	5kg	ISO R 306	°C	89
Mechanical	Flexural Strength	2,8mm/min	ASTM D790	kgf/cm <sup>2</sup>	780
	Flexural Modulus	2,8mm/min	ASTM D790	kgf/cm <sup>2</sup>	24500
	Izod Impact Strength (notched)	1/8 inch	ASTM D256	kg cm/cm	40
	Rockwell Hardness	R-Scale	ASTM D785	-	112
	Tensile Strength	50mm/min	ASTM D638	kgf/cm <sup>2</sup>	550