

# INFINO NH-1027 HF

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	HB	UL94	mm	1
	Flammability	V-2	UL94	mm	1.2, 1.5, 3.0
	Flammability	V-0	UL94	mm	1.2, 1.5, 3.0
	Flammability	5VB	UL94	mm	1.5, 3.0
	Flammability	V-1	UL94	mm	1
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,19
	Melt Flow Index	220°C, 10kg	ISO 1133	g/10min	55
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	82
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	92
	Heat Deflection Temperature (annealing)	1.8 MPa, 4.0mm	ISO 75-2	°C	90
	Heat Deflection Temperature (annealing)	0.45 MPa, 4.0mm	ISO 75-2	°C	96
	Vicat Softening Temperature	B/50	ISO R 306	°C	98
	Vicat Softening Temperature	B/120	ISO R 306	°C	101
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	61
	Tensile Strain at Break	50mm/min	ISO 527	%	39
	Tensile Modulus	50mm/min	ISO 527	MPa	2400
	Tensile Strength at Break	50mm/min	ISO 527	MPa	49
	Flexural Strength	2mm/min	ISO 178	MPa	92
	Flexural Modulus	2mm/min	ISO 178	MPa	2600
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m <sup>2</sup>	17
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m <sup>2</sup>	17



Rockwell Hardness

R-scale

ISO 2039-2

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