

INFINO NH-1035

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	V-0	UL94	mm	1.5, 2.0-2.7
	Flammability	5VB	UL94	mm	2.0-2.7
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,2
	Melt Flow Index	250°C,10kg	ISO 1133	g/10min	35
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	107
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	120
	Heat Deflection Temperature (annealing)	1.8 MPa, 4.0mm	ISO 75-2	°C	116
	Heat Deflection Temperature (annealing)	0.45 MPa, 4.0mm	ISO 75-2	°C	122
	Vicat Softening Temperature	B/50	ISO R 306	°C	127
	Vicat Softening Temperature	B/120	ISO R 306	°C	129
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	59
	Tensile Strain at Break	50mm/min	ISO 527	%	88
	Tensile Modulus	50mm/min	ISO 527	MPa	2200
	Tensile Strength at Break	50mm/min	ISO 527	MPa	57
	Flexural Strength	2mm/min	ISO 178	MPa	90
	Flexural Modulus	2mm/min	ISO 178	MPa	2300
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	54
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	55
	Rockwell Hardness	R-scale	ISO 2039-2	-	120