

INFINO NH1015V

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	V-0	UL94	mm	1,5
	Flammability	5VB	UL94	mm	2
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,17
	Melt Flow Index	220°C, 10kg	ISO 1133	g/10min	30
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	94
	Heat Deflection Temperature (annealing)	1.8 MPa, 4.0mm	ISO 75-2	°C	97
	Heat Deflection Temperature (annealing)	0.45 MPa, 4.0mm	ISO 75-2	°C	102
	Vicat Softening Temperature	B/50	ISO R 306	°C	100
	Vicat Softening Temperature	B/120	ISO R 306	°C	103
	RTI, Ele	1.5 ,V-0	UL746B	°C	90
	RTI, Imp	1.5 ,V-0	UL746B	°C	85
	RTI, Str	1.5 ,V-0	UL746B	°C	90
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	61
	Tensile Strain at Break	50mm/min	ISO 527	%	45
	Tensile Modulus	50mm/min	ISO 527	MPa	2500
	Tensile Strength at Break	50mm/min	ISO 527	MPa	48
	Flexural Strength	2mm/min	ISO 178	MPa	89
	Flexural Modulus	2mm/min	ISO 178	MPa	2550
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	14
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	17

