

INFINO NH-1015

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	V-0	UL94	mm	1,5
	Flammability	5VA	UL94	mm	3
	Flammability	5VB	UL94	mm	2
	Glow-Wire Flammability Index	1	IEC 60695-2-12	°C	960
	Glow-Wire Ignition Index	1	IEC 60695-2-13	°C	775
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,18
	Melt Flow Index	220°C, 10kg	ISO 1133	g/10min	23
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	81
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	93
	Heat Deflection Temperature (annealing)	1.8 MPa, 4.0mm	ISO 75-2	°C	93
	Heat Deflection Temperature (annealing)	0.45 MPa, 4.0mm	ISO 75-2	°C	98
	Vicat Softening Temperature	B/50	ISO R 306	°C	98
	Vicat Softening Temperature	B/120	ISO R 306	°C	100
	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	60
	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	88
	Flexural Modulus	2mm/min	ISO 178	MPa	2450



	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	40
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	44
	Rockwell Hardness	R-scale	ISO 2039-2	-	118
Electrical	Hot Wire Ignition	1,5	UL746A	PLC	2
	High Current Arc Ignition	1,5	UL746A	PLC	3