

Infino NH-1015

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,18
	Melt Flow Index	220°C, 10kg	ISO 1133	g/10min	23
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
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
Flammability	Flammability	V-0	UL94	mm	1,5
	Flammability	5VA	UL94	mm	3

	Properties	Test condition	Method	Unit	Value
					2
	Glow-Wire Flammability Index	1	IEC 60695-2-12	°C	960
	Glow-Wire Ignition Index	1	IEC 60695-2-13	°C	775
Electrical	Hot Wire Ignition	1,5	UL746A	PLC	2
	High Current Arc Ignition	1,5	UL746A	PLC	3

All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing terms or processing procedures an obligation cannot be derived from it.

Tekuma Kunststoff GmbH is not the manufacturer of a.m. product. The information return the result of the quality inspection. An assurance of certain properties and qualities for specify uses cannot be derived. We recommend additional tests with regard to the suitability ability. Guarantee occurs within the scope of our general terms of sale and terms of delivery.