

INFINO NH-1017D

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	HB	UL94	mm	0,8
	Flammability	V-0	UL94	mm	2,0, 3,0
	Flammability	5VB	UL94	mm	2,0, 3,0
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,19
	Melt Flow Index	220°C, 10kg	ISO 1133	g/10min	46
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	93
	Heat Deflection Temperature (annealing)	1.8 MPa, 4.0mm	ISO 75-2	°C	91
	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	2,0, V-0 5VB	UL746B	°C	85
	RTI, Imp	2,0, V-0 5VB	UL746B	°C	85
	RTI, Str	2,0, V-0 5VB	UL746B	°C	85
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	60
	Tensile Strain at Break	50mm/min	ISO 527	%	33
	Tensile Modulus	50mm/min	ISO 527	MPa	2400
	Tensile Strength at Break	50mm/min	ISO 527	MPa	47
	Flexural Strength	2mm/min	ISO 178	MPa	90
	Flexural Modulus	2mm/min	ISO 178	MPa	2500
	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	15
Rockwell Hardness	R-scale	ISO 2039-2	-	118