

Infino NH-1017D

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,19
	Melt Flow Index	220°C, 10kg	ISO 1133	g/10min	46
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
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
Flammability	Flammability	HB	UL94	mm	0,8



	Properties	Test condition	Method	Unit	Value
					2.0, 3.0
	Flammability	5VB	UL94	mm	2.0, 3.0

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.

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