

INFINO TN-1100

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	V-0	UL94	mm	2,5
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,23
	Mold Shrinkage (MD)	Flow at 3.2mm(MD)	ISO 2577	%	0.49-0.6
	Mold Shrinkage (TD)	X-Flow at 3.2mm(TD)	ISO 2577	%	0.51-0.62
	Melt Flow Index	250°C,10kg	ISO 1133	g/10min	75
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	91
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	100
	Heat Deflection Temperature (annealing)	1.8 MPa, 4.0mm	ISO 75-2	°C	99
	Heat Deflection Temperature (annealing)	0.45 MPa, 4.0mm	ISO 75-2	°C	102
	Vicat Softening Temperature	B/50	ISO R 306	°C	106
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	73
	Tensile Strain at Break	50mm/min	ISO 527	%	87
	Tensile Modulus	50mm/min	ISO 527	MPa	2400
	Tensile Strength at Break	50mm/min	ISO 527	MPa	62
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	4,5
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	5
	Rockwell Hardness	R-scale	ISO 2039-2	-	123
	Flexural Strength	2,8mm/min	ISO 178	MPa	108
Flexural Modulus	2,8mm/min	ISO 178	MPa	2650	