

INFINO HN-3102G

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	V-0	UL94	mm	1.5-1.6
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,27
	ASH Content	-	ISO 3451	%	10
	Melt Flow Index	250°C,10kg	ISO 1133	g/10min	31
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	132
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	140
	Vicat Softening Temperature	B/50	ISO R 306	°C	143
	Vicat Softening Temperature	B/120	ISO R 306	°C	146
Mechanical	Flexural Strength	2mm/min	ISO 178	MPa	120
	Flexural Modulus	2mm/min	ISO 178	MPa	3700
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	5,6
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	5,9
	Rockwell Hardness	R-scale	ISO 2039-2	-	90
	Tensile Strength at Yield	5mm/min	ISO 527	MPa	75
	Tensile Strain at Break	5mm/min	ISO 527	%	5,6
	Tensile Modulus	5mm/min	ISO 527	MPa	3300