

INFINO GP-5300G

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	HB	UL94	mm	0.75, 1.7, 3.0
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,53
	ASH Content	-	ISO 3451	%	30
	Melt Flow Index	250°C, 2,16kg	ISO 1133	g/10min	22
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	206
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	223
	Vicat Softening Temperature	B/50	ISO R 306	°C	216
	Vicat Softening Temperature	B/120	ISO R 306	°C	220
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	141
	Tensile Strain at Break	50mm/min	ISO 527	%	4
	Tensile Modulus	50mm/min	ISO 527	MPa	7500
	Tensile Strength at Break	50mm/min	ISO 527	MPa	141
	Flexural Strength	2mm/min	ISO 178	MPa	199
	Flexural Modulus	2mm/min	ISO 178	MPa	7900
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	11
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	11
	Rockwell Hardness	R-scale	ISO 2039-2	-	118