

Infino GP-5300G

	Properties	Test condition	Method	Unit	Value
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
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
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
Flammability	Flammability	HB	UL94	mm	0.75, 1.7, 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.

Tekuma Kunststoff GmbH is not the manufacturer of a.m. product. The information return the result of the quality inspection. An assurance of certain properties and qualities for specify uses cannot be derived. We recommend additional tests with regard to the suitability.



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