

Infino WP-1041G

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,09
	Mold Shrinkage (MD)	Flow at 3.2mm(MD)	ISO 2577	%	0.5-0.6
	Mold Shrinkage (TD)	X-Flow at 3.2mm(TD)	ISO 2577	%	0.5-0.6
	Melt Flow Index	250°C,10kg	ISO 1133	g/10min	31
	Melt Flow Index	250°C, 2,16kg	ISO 1133	g/10min	3
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	47
	Tensile Strain at Break	50mm/min	ISO 527	%	73
	Tensile Modulus	50mm/min	ISO 527	MPa	1900
	Tensile Strength at Break	50mm/min	ISO 527	MPa	41
	Flexural Strength	2mm/min	ISO 178	MPa	70
	Flexural Modulus	2mm/min	ISO 178	MPa	2000
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	45
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	47
	Rockwell Hardness	R-scale	ISO 2039-2	-	107
	Izod Impact Strength (unnotched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	35
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	93
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	113
	Heat Deflection Temperature (annealing)	1.8 MPa, 4.0mm	ISO 75-2	°C	101
	Heat Deflection Temperature (annealing)	0.45 MPa, 4.0mm	ISO 75-2	°C	116
	Vicat Softening Temperature	B/50	ISO R 306	°C	113
	Vicat Softening Temperature	B/120	ISO R 306	°C	114



Properties	Test condition	Method	Unit	Value
Linear Thermal Coefficient	Flow at 40~100°C	ISO 11359-1/-2	$\times 10^{-5}$ cm/cm/°C	8,5

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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