

Infino WP-1089

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,13
	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	47
	Melt Flow Index	260°C , 5kg	ISO 1133	g/10min	27
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	52
	Tensile Strain at Break	50mm/min	ISO 527	%	60
	Tensile Modulus	50mm/min	ISO 527	MPa	2100
	Tensile Strength at Break	50mm/min	ISO 527	MPa	45
	Flexural Strength	2mm/min	ISO 178	MPa	80
	Flexural Modulus	2mm/min	ISO 178	MPa	2200
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	46
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	51
	Rockwell Hardness	R-scale	ISO 2039-2	-	110
	Izod Impact Strength (unnotched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	32
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	104
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	123
	Heat Deflection Temperature (annealing)	1.8 MPa, 4.0mm	ISO 75-2	°C	105
	Heat Deflection Temperature (annealing)	0.45 MPa, 4.0mm	ISO 75-2	°C	125
	Vicat Softening Temperature	B/50	ISO R 306	°C	126
	Linear Thermal Coef-	Flow at 40~100°C	ISO 11359-1/-2	x10 ⁻⁵ cm/cm/°C	8,1



Properties	Test condition	Method	Unit	Value
Linear Thermal Coefficient	X-Flow at 40-100°C	ISO 11359-1/-2	$\times 10^{-5}$ cm/cm/°C	8,3

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 ability. Guarantee occurs within the scope of our general terms of sale and terms of delivery.