

Infino SC-1222UR

	Properties	Test condition	Method	Unit	Value
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,2
	Mold Shrinkage (MD)	Flow at 3,2mm(MD)	ISO 2577	%	0.5-0.7
	Water Absorption	23°C	ISO 62	%	0,2
	Melt Flow Index	300°C, 1,2kg	ISO 1133	g/10min	20
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	66
	Flexural Strength	2mm/min	ISO 178	MPa	92
	Flexural Modulus	2mm/min	ISO 178	MPa	2300
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	70
	Rockwell Hardness	R-scale	ISO 2039-2	-	120
	Charpy Impact Strength (notched)	23°C	ISO 179 1eA	KJ/m ²	70
Thermal	Vicat Softening Temperature	B/50	ISO R 306	°C	144
	Linear Thermal Coefficient	-40~100°C	ISO 11359-2	x10 ⁻⁵ cm/cm/°C	5.5~6.5
Flammability	Flammability	V-2	UL94	mm	0.8~3.2
Electrical	Surface Resistivity	at 23°C, 50% RH	IEC 60093	E+□/sq	1.0xE16
	Volume Resistivity	-	IEC 60093	□ □ cm	1.0xE14
	Dielectric Constant	1 Mhz	IEC 60250	10E^6HZ	2,9
Optical	Transmissivity	3mm	ISO D13468	%	>89
	Haza	3mm	ISO D13468	%	<0,8
	Refractive Index	-	ISO 489	-	1,6

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.