

# Infino SC-1220UR

UV Resistant PC

	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
	Mold Shrinkage (TD)	X-Flow at 3.2mm(TD)	ISO 2577	%	0.5-0.7
	Melt Flow Index	300°C, 1,2kg	ISO 1133	g/10min	22
Mechanical	Flexural Strength	2mm/min	ISO 178	MPa	91
	Flexural Modulus	2mm/min	ISO 178	MPa	2300
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m <sup>2</sup>	65
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m <sup>2</sup>	60
	Rockwell Hardness	R-scale	ISO 2039-2	-	120
	Tensile Strength at Yield	5mm/min	ISO 527	MPa	64
	Tensile Strain at Break	5mm/min	ISO 527	%	6,5
	Tensile Modulus	5mm/min	ISO 527	MPa	1800
	Tensile Strength at Break	5mm/min	ISO 527	MPa	60
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	122
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	134
	Vicat Softening Temperature	B/50	ISO R 306	°C	145
Flammability	Flammability	V-2	UL94	mm	0.8,3.2



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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