

ISO Property

INFINO.	Grade	LX-1098
	Resin Type	PC/ABS

Item	Measuring Method	Condition	Unit	Value
Physical				
Specific Gravity	ISO 1183	Natural or Representative Color	-	1.13
Melt Flow Index	ISO 1133	250 °C, 10kg	g/10min	38
Mold Shrinkage	ISO 2577	Flow at 3.2 mm	%	0.4~0.6
Mechanical				
Tensile Strength at Yield	ISO 527	50 mm/min	MPa	52
Flexural Strength	ISO 178	2 mm/min	MPa	85
Flexural Modulus	ISO 178	2 mm/min	MPa	2240
Charpy Impact Strength (notched)	ISO 179 1eA	at 23 °C	kJ/m ²	39
Charpy Impact Strength (notched)	ISO 179 1eA	at -40 °C	kJ/m ²	20
Rockwell Hardness	ISO 2039-2	R-Scale	-	115
Thermal				
Heat Deflection Temperature (Annealed)	ISO 75-2	1.8 MPa, 4.0 mm	°C	98
VICAT Softening Temperature	ISO 306	B/50	°C	117

1. The value above is the representative value of the NP or representative color and may have deviation. It can only be used for selecting materi
2. The value above shall not be regarded as a material specification and cannot be used for molding designs.

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