

INFINO SC-1102UR

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	V-2	UL94	mm	0.8-2.5
Optical	Transmissivity	3mm	ISO D13468	%	89
	Haza	3mm	ISO D13468	%	0,2
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	11,5
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	125
	Vicat Softening Temperature	B/50	ISO R 306	°C	145
Mechanical	Tensile Strength at Yield	50mm/min	ISO 527	MPa	65
	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	80
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	85
	Rockwell Hardness	R-scale	ISO 2039-2	-	120