

INFINO SC-1063U

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	HB	UL94	mm	2.6~3.2
	Flammability	V-2	UL94	mm	1.6~2.0
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	6
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	127
	Heat Deflection Temperature (unannealed)	0.45 MPa, 4.0mm	ISO 75-2	°C	137
	Vicat Softening Temperature	B/50	ISO R 306	°C	147
Mechanical	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	90
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	85
	Rockwell Hardness	R-scale	ISO 2039-2	-	120
	Tensile Strength at Yield	5mm/min	ISO 527	MPa	65
	Tensile Strain at Break	5mm/min	ISO 527	%	5,5
	Tensile Modulus	5mm/min	ISO 527	MPa	1800
	Tensile Strength at Break	5mm/min	ISO 527	MPa	67