

PHYSICAL PROPERTIES OF **INFINO** POLYCARBONATE UF-1050

Properties at 23℃	Test Method	Test Condition	Unit	Value
Physical Properties				
Specific Gravity	ASTM D792	Natural Color		1.20
Melt Flow Index	ASTM D1238	220℃/10kg	g/10min	18
Mechanical Properties				
Tensile Strength	ASTM D638	5mm/min	kgf/cm ²	660
Flexural Strength	ASTM D790	2.8mm/min	kgf/cm ²	970
Flexural Modulus	ASTM D790	2.8mm/min	kgf/cm ²	26,000
Izod Impact Strength (notched)	ASTM D256	1/8 inch	kgf·cm/cm	50
Thermal Properties				
Heat Deflection Temperature(unannealed)	ASTM D648	18.56kgf/cm ² 1/4"	℃	—
Vicat Softening Temperature	ISO R 306	5kg	℃	106
Flammability				
UL 94 Classification		1.0 mm specimen	Recognized	V-0

* The above values are only the representatives of natural color specimen, not for guarantee.

* Last update: December 26, 2010