



ISO Property

INFINO	Grade	SC-1220UR			
	Resin Type	PC			
Item	Measuring Method	Condition	Unit	Value	
Physical					
Specific Gravity	ISO 1183	Natural Color	-	1.19	
Melt Flow Index	ISO 1133	230°C, 10 kg	g/10min	22	
Mechanical					
Tensile Strength at Yield	ISO 527	50mm/min	MPa	62	
Tensile Modulus	ISO 527	50mm/min	MPa	2100	
Tensile Strength at Break	ISO 527	50mm/min	MPa	71	
Flexural Strength	ISO 178	2mm/min	MPa	93	
Flexural Modulus	ISO 178	2mm/min	MPa	2300	
Charpy Impact Strength (notched)	ISO 179 1eA	4mm at 23°C	KJ/m ²	69	
IZOD Impact Strength (notched)	ISO 180 1A	4mm at 23°C	KJ/m ²	67	
Thermal					
VICAT Softening Temperature	ISO R 306	B/50	°C	142	

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

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CERTIFICATE OF QUALITY

CUSTOMER : KORPORACJA 'KGL' S.A.,
GRADE : POLYCARBONATE SC-1220UR NP
:
LOT NO. : 11136427
PRINT DATE : 2015.05.28

TEST ITEM	TEST METHOD	UNIT	DATA
MELT FLOW INDEX(300°C*1.2KG)	ASTM D1238	g/10min	22.2
CONTAMINATION	CHEIL METHOD	Points	0

*ISSUED BY THE BENEFICIARY : SAMSUNG SDI CO.LTD

ORIGINAL

N. J. Kim

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