ISO Property | LOTTE Advanced Materials

	Grade	SC-1220UR
INFINO.	Resin Type	PC

General, Lighting & Wiring Device Cover

Item	Measuring Method	Condition	Unit	Value
		Physical		
Specific Gravity	ISO 1183	Natural or representative color	-	1.2
Melt Flow Index	ISO 1133	300℃, 1.2kg	g/10min	20
		Mechanical		
Tensile Strength at Yield	ISO 527	50mm/min	MPa	63
Flexural Strength	ISO 178	2mm/min	MPa	90
Flexural Modulus	ISO 178	2mm/min	MPa	2260
Rockwell Hardness	ISO 2039-2	R-scale	-	120
		Thermal		
Heat Deflection Temperature (Unannealed)	ISO 75-2	1.8MPa, 4.0mm	°C	125

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 materials. 2. The value above shall not be regarded as a material specification and cannot be used for molding designs.

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* The last update date : 07/10/2015

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LOTTE ADVANCED MATERIALS

UL Certification | LOTTE Advanced Materials

INFINO	Grade	SC-1220UR					
iq.ul.com							
Component - Plastics [guid	le info]						E115797
Lotte Advanced Mat	erials Co I td						
56 Gosan-ro, Uiwang-si Gy							
SC-122(+)							
Polycarbonate (PC), "IN	FINO", furnished as pellets						
	Min Thk	Flame			RTI	RTI	RTI
Color	(mm)	Class	HWI	HAI	Elec	Imp	Str
ALL	0.75	V-2			80	80	80
ALL	1.5	V-2 V-2			80	80	80
	2.5	V-2 V-2	-	-	80	80	80
			-	-			
	3.0	V-2	-	-	80	80	80
NC	3.2	V-2	-	-	80	80	80
Compar	ative Tracking Index (CTI): -			Inclined Pl	ane Tracking (IP)	Г): -	
D	ielectric Strength (kV/mm): -			Volume Resis	tivity (10 ^x ohm-cn	n): -	
High-Voltage	Arc Tracking Rate (HVTR): -	High Volt, Low Current Arc Resis (D495): -					
	Dimonoional Stability (9/1):						
ANSI/UL 94 small-scale test of plastic mate	Dimensional Stability (%): - d by one, two, or three numbers a lata does not pertain to building materi rials used in the components and part	als, furnishings and related	I contents. ANSI/U nd appliances, wh	L 94 small-scale test are the acceptability o	data is intended solely of the combination is de	for determinet	ing the flammabilit UL.
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