

Infino GI-3303LW

Polycarbonate

LOTTE ADVANCED MATERIALS CO., LTD.

Message:

Infino GI-3303LW is a polycarbonate (PC) product that contains a glass fiber reinforced material. It is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Typical application areas are: electrical/electronic applications.

General Information			
UL YellowCard	E115797-101982944		
Filler / Reinforcement	Glass fiber reinforced material		
Features	General		
Uses	Mobile phone		
Physical	Nominal Value	Unit	Test Method
Specific Gravity (Natural)	1.39	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR)			ASTM D1238, ISO 1133
250°C/10.0 kg	29	g/10 min	ASTM D1238, ISO 1133
300°C/1.2 kg	18	g/10 min	ASTM D1238, ISO 1133
Molding Shrinkage			
Flow: 3.20mm	0.10 - 0.30	%	ASTM D955
Transverse flow: 3.20mm	0.10 - 0.30	%	ASTM D955
Lateral flow: 3.20mm	0.10 - 0.30	%	ISO 2577
Traffic: 3.20mm	0.10 - 0.30	%	ISO 2577
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			
Class r	115		ASTM D785
R scale	115		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus			
-- ¹	7500	MPa	ASTM D638
--	7450	MPa	ISO 527-2/50
Tensile Strength			
Yield ²	130	MPa	ASTM D638
Yield	116	MPa	ISO 527-2/50
Fracture ³	130	MPa	ASTM D638
Fracture	125	MPa	ISO 527-2/50
Tensile Elongation			
Fracture ⁴	3.0	%	ASTM D638
Fracture	3.0	%	ISO 527-2/50
Flexural Modulus			
-- ⁵	7400	MPa	ASTM D790

-- 6	7350	MPa	ISO 178
Flexural Strength			
-- 7	170	MPa	ASTM D790
-- 8	165	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength ⁹ (23°C)	21	kJ/m ²	ISO 179/1eA
Notched Izod Impact			
23°C, 3.18 mm	180	J/m	ASTM D256
23°C, 6.35 mm	160	J/m	ASTM D256
23°C ¹⁰	18	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, unannealed, 6.40mm	131	°C	ASTM D648
0.45 MPa, unannealed, 4.00mm	130	°C	ISO 75-2/B
1.8 MPa, unannealed, 6.40mm	124	°C	ASTM D648
1.8 MPa, not annealed, 4.00mm	124	°C	ISO 75-2/A
NOTE			
1.	5.0 mm/min		
2.	5.0 mm/min		
3.	5.0 mm/min		
4.	5.0 mm/min		
5.	2.8 mm/min		
6.	2.0 mm/min		
7.	2.8 mm/min		
8.	2.0 mm/min		
9.	Thickness: 4mm		
10.	Thickness: 4mm		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT