

Infino CF-3300LW

Polycarbonate

LOTTE ADVANCED MATERIALS CO., LTD.

Message:

Infino CF-3300LW 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			
Filler / Reinforcement	Glass fiber reinforced material		
Features	General		
Uses	Mobile phone		
Physical	Nominal Value	Unit	Test Method
Specific Gravity (Natural)	1.40	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (250°C/10.0 kg)	23	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield ¹	130	MPa	ASTM D638
Yield	118	MPa	ISO 527-2/50
Flexural Modulus			
-- ²	7400	MPa	ASTM D790
-- ³	7500	MPa	ISO 178
Flexural Strength			
-- ⁴	170	MPa	ASTM D790
-- ⁵	167	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength ⁶ (23°C)	19	kJ/m ²	ISO 179/1eA
Notched Izod Impact			
23°C, 3.18 mm	190	J/m	ASTM D256
23°C ⁷	18	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 6.40 mm)	138	°C	ASTM D648
NOTE			
1.	5.0 mm/min		
2.	2.8 mm/min		
3.	2.0 mm/min		
4.	2.8 mm/min		
5.	2.0 mm/min		
6.	Thickness: 4mm		
7.	Thickness: 4mm		

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Recommended distributors for this material

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