

Infino HM-1152

Polycarbonate + ABS

LOTTE ADVANCED MATERIALS CO., LTD.

Message:

Infino HM-1152 is a polycarbonate acrylonitrile butadiene styrene (PC ABS) product, which 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.

Features include:

flame retardant/rated flame

Flame Retardant

General Information			
UL YellowCard	E115797-101251522		
Filler / Reinforcement	Glass fiber reinforced material		
Features	Flame retardancy		
Uses	Electrical/Electronic Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity (Natural)	1.28	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	14	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield ¹	88.0	MPa	ASTM D638
Yield	90.0	MPa	ISO 527-2/5
Flexural Modulus			
-- ²	4900	MPa	ASTM D790
-- ³	4800	MPa	ISO 178
Flexural Strength			
-- ⁴	120	MPa	ASTM D790
-- ⁵	120	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength ⁶ (23°C)	6.0	kJ/m ²	ISO 179/1eA
Notched Izod Impact			
23°C, 3.18 mm	49	J/m	ASTM D256
23°C ⁷	5.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
1.8 MPa, unannealed, 6.40mm	88.0	°C	ASTM D648
1.8 MPa, not annealed, 4.00mm	88.0	°C	ISO 75-2/A
Flammability	Nominal Value	Test Method	
Flame Rating		UL 94	
1.5 mm	V-1	UL 94	
3.0 mm	V-0	UL 94	

2.0 mm	5VB	UL 94
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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