LOTTE ADVANCED MATERIALS

ISO Property

INFINO	Grade	HF-3200H
	Resin Type	PC/GF

TV/Monitor

Item	Measuring Method	Condition	Unit	Value
Physical				
Specific Gravity	ISO 1183	Natural or representative color	-	1.37
Melt Flow Index	ISO 1133	250℃, 10kg	g/10min	11
Mechanical				
Tensile Strength at Yield	ISO 527	5mm/min	MPa	110
Tensile Strain at break	ISO 527	5mm/min	%	3.7
Tensile Modulus	ISO 527	5mm/min	MPa	5100
Tensile Strength at break	ISO 527	5mm/min	MPa	115
Flexural Strength	ISO 178	2mm/min	MPa	170
Flexural Modulus	ISO 178	2mm/min	MPa	5800
Izod Impact Strength(notched)	ISO 180 1A	at 23°C, 4mm	kJ/㎡	11.5
Charpy Impact Strength(V-notched)	ISO 179 1eA	at 23°C, 4mm	kJ/㎡	14
Rockwell Hardness	ISO 2039-2	R-Scale	-	118
Thermal				
Heat Deflection Temperature(Unannealed)	ISO 75-2	1.8MPa, 4.0mm	°C	140
Heat Deflection Temperature(Unannealed)	ISO 75-2	0.45MPa, 4.0mm	°C	145
VICAT Softening Temperatur	ISO 306	B/50	°C	147
Flammability				
Flammability	UL94	V-2	mm	1.5
Flammability	UL94	V-0	mm	3.0

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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