

INFINO CF-3104HF

High-impact PC/GF material for the high flow ability exterior material of slim mobile phone of GF 10%

	Properties	Test condition	Method	Unit	Value
Flammability	Flammability	V-2	UL94	mm	0,8
	Flammability	V-1	UL94	mm	3,2
Physical	Specific Gravity	Natural or Representative Color	ISO 1183	-	1,25
	Mold Shrinkage (MD)	Flow at 3.2mm(MD)	ISO 2577	%	0.3-0.5
	Water Absorption	23°C	ISO 62	%	0,3
	Melt Flow Index	250°C,10kg	ISO 1133	g/10min	23
Thermal	Heat Deflection Temperature (unannealed)	1.8 MPa, 4.0mm	ISO 75-2	°C	141
	Vicat Softening Temperature	B/50	ISO R 306	°C	137
Mechanical	Flexural Strength	2mm/min	ISO 178	MPa	95
	Flexural Modulus	2mm/min	ISO 178	MPa	3000
	Izod Impact Strength (notched)	at 23°C, 4mm	ISO 180 1A	KJ/m ²	27
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m ²	27
	Rockwell Hardness	R-scale	ISO 2039-2	-	116
	Tensile Strength at Yield	5mm/min	ISO 527	MPa	60