

# 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
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
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 <sup>2</sup>	27
	Charpy Impact Strength (V-notched)	23°C, 4mm	ISO 179 1eA	KJ/m <sup>2</sup>	27
	Rockwell Hardness	R-scale	ISO 2039-2	-	116
	Tensile Strength at Yield	5mm/min	ISO 527	MPa	60
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
Flammability	Flammability	V-2	UL94	mm	0,8
	Flammability	V-1	UL94	mm	3,2

All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing terms or processing procedures an obligation cannot be derived from it.

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