

# INFINO PC FS-1152 Technical Data Sheet (ASTM)

Test Item	Test Method	Test Condition	Unit	FS-1152-1	FS-1152-2
<b>Physical Properties</b>					
Specific Gravity	ASTM D792	Natural Color	-	1.34	1.38
Melt Flow Index	ASTM D1238	300°C/1.2Kg	g/10min	10	15
<b>Mechanical Properties</b>					
Tensile Strength (at Yield)	ASTM D638	50mm/min	kgf/cm <sup>2</sup>	580	560
Flexural Strength	ASTM D790	2.8mm/min	kgf/cm <sup>2</sup>	890	870
Flexural Modulus				36500	38000
Izod Impact Strength (notched)	ASTM D256	1/8 inch at 23°C	Kgf·cm/cm	13	8
FDI(Total Energy)	SDI method	7kg, 1.0m	J	47	33
<b>Thermal Properties</b>					
VST	ISO R306	B/50	°C	129	127

※ 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.

※ The value above shall not be regarded as material specification and cannot be used for molding designs.

