

ASTM Property

INFINO.	Grade	WR-7000
	Resin Type	PC/ASA

Description:

Item	Measuring Method	Condition	Unit	Value
Physical				
Specific Gravity	ASTM D792	Black Color		1.13
Melt Flow Index	ASTM D1238	250°C, 10kg	g/10min	27
Mechanical				
Tensile Strength	ASTM D638	50mm/min	kgf/cm ²	580
Flexural Strength	ASTM D790	2.8mm/min	kgf/cm ²	785
Flexural Modulus	ASTM D790	2mm/min	kgf/cm ²	20600
Izod Impact Strength(notched)	ASTM D256	4mm	kgf-cm/cm	39
Izod Impact Strength(notched)	ASTM D256	4mm	kgf-cm/cm	59
Rockwell Hardness	ASTM D785	R-Scale		108
Thermal				
Heat Deflection Temperature	ASTM D648	18.56kgf/cm ² , 6.4mm	°C	103
VICAT Softening Temperature	ISO R 306	B/50	°C	113
Flammability				
Flammability	UL94			-

1. The value above is the representative value of the Black standard 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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