

ASTM Property

INFINO	Grade	AE-2030
	Resin Type	PC/PET

PC/PET material that can be applied to automobile radiator grille and door handle

Item	Measuring Method	Condition	Unit	Value
Physical				
Specific Gravity	ASTM D792	Natural Color	-	1.2
Melt Flow Index	ASTM D1238	250°C, 10kg	g/10min	31
Mechanical				
Tensile Strength	ASTM D638	50mm/min	kgf/cm ²	560
Flexural Strength	ASTM D790	2.8mm/min	kgf/cm ²	750
Flexural Modulus	ASTM D790	2.8mm/min	kgf/cm ²	21000
IZOD Impact Strength(notched)	ASTM D256	1/8 inch	kgf-cm/cm	72
Rockwell Hardness	ASTM D785	R-Scale	-	113
Thermal				
Heat Deflection Temperature	ASTM D648	18.56kgf/cm ²	°C	106
VICAT Softening Temperature	ISO R 306	5kg	°C	130

1. The value above is the representative value of the NP 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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