

ISO Property

starex [®]	Grade	NH-0927		
	Resin Type	ABS		

Item	Measuring Method	Condition	Unit	Value
Physical				
Specific Gravity	ISO 1183	Natural Color	–	1.05
Melt Flow Index	ISO 1133	200°C, 5kg	g/10min	3.5
Mechanical				
Tensile Strength	ISO 527	5mm/min	MPa	55
Flexural Strength	ISO 178	2mm/min	MPa	66
Flexural Modulus	ISO 178	2mm/min	MPa	2500
IZOD Impact Strength (notched)	ISO 180 1A	4mm	KJ/m ²	17
Rockwell Hardness	ISO 2039-2	R-Scale	–	108
Thermal				
VICAT Softening Temperature	ISO R 306	5kg, 50°C/hr	°C	98
Flammability				
Flammability	UL94	V-2	mm	0.75, 3.0

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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