

## ISO Property

<b>starex</b>	Grade	HF-0660I
	Resin Type	ABS

Material with the characteristic of high flowability and high stiffness that can be used for vacuum cleaner, telephone, TV, VCR, calculator, radio and air-conditioner

Item	Measuring Method	Condition	Unit	Value
<b>Physical</b>				
Specific Gravity	ISO 1183	Natural or representative color	-	1.04
Melt Flow Index	ISO 1133	200 °C, 5kg	g/10min	3.3
<b>Mechanical</b>				
Tensile Strength at Yield	ISO 527	50mm/min	MPa	45
Tensile Strain at break	ISO 527	50mm/min	%	13
Tensile Modulus	ISO 527	50mm/min	MPa	2300
Tensile Strength at break	ISO 527	50mm/min	MPa	33
Flexural Strength	ISO 178	2mm/min	MPa	72
Flexural Modulus	ISO 178	2mm/min	MPa	2300
Izod Impact Strength (notched)	ISO 180 1A	at 23°C, 4mm	KJ/m <sup>2</sup>	20
Charpy Impact Strength (V-notched)	ISO 179 1eA	at 23°C, 4mm	KJ/m <sup>2</sup>	21
Rockwell Hardness	ISO 2039-2	R-scale	-	111
<b>Thermal</b>				
Heat Deflection Temperature(Unannealed)	ISO 75-2	1.8MPa, 4.0mm	°C	74
Heat Deflection Temperature(Unannealed)	ISO 75-2	0.45MPa, 4.0mm	°C	86
Heat Deflection Temperature(Annealing)	ISO 75-2	1.8MPa, 4.0mm	°C	94
Heat Deflection Temperature(Annealing)	ISO 75-2	0.45MPa, 4.0mm	°C	98
VICAT Softening Temperature	ISO R 306	B/50	°C	92
VICAT Softening Temperature	ISO R 306	B/120	°C	95

1. 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.
2. The value above shall not be regarded as a material specification and cannot be used for molding designs.

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