

## ASTM Property

<b>starex</b>	Grade	VH-0815
	Resin Type	ABS

Flame-retardant ABS with the characteristic of RTI 85 °C, high-impact resistance that can be used for the exterior material of UPS and OA devices

Item	Measuring Method	Condition	Unit	Value
<b>Physical</b>				
Specific Gravity	ASTM D792	Natural Color	-	1.15
Melt Flow Index	ASTM D1238	200 °C,5kg	g/10min	3.8
<b>Mechanical</b>				
Tensile Strength at Yield	ASTM D638	5mm/min	kgf/cm <sup>2</sup>	400
Flexural Strength	ASTM D790	2.8mm/min	kgf/cm <sup>2</sup>	600
Flexural Modulus	ASTM D790	2.8mm/min	kgf/cm <sup>2</sup>	22000
IZOD Impact Strength(notched)	ASTM D256	1/4 inch at 23°C	kgf·cm/cm	25
Rockwell Hardness	ASTM D785	R-Scale	-	100
<b>Thermal</b>				
VICAT Softening Temperature	ISO R 306	B/50	°C	86
<b>Flammability</b>				
Flammability	UL94	V-1	mm	1.5
Flammability	UL94	V-0	mm	2.0
Flammability	UL94	5VB	mm	2.0

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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