

ASTM Property

starex [®]	Grade	SD-0150
	Resin Type	ABS

ABS material that can be used for typewriter and electric parts

Item	Measuring Method	Condition	Unit	Value
Physical				
Specific Gravity	ASTM D792	Natural Color	–	1.04
Melt Flow Index	ASTM D1238	200°C, 5kg	g/10min	2
Mechanical				
Tensile Strength	ASTM D638	5mm/min	kgf/cm ²	420
Flexural Strength	ASTM D790	2.8mm/min	kgf/cm ²	630
Flexural Modulus	ASTM D790	2.8mm/min	kgf/cm ²	20000
IZOD Impact Strength(notched)	ASTM D256	1/4 inch	kgf·cm/cm	22
Rockwell Hardness	ASTM D785	R-Scale	–	109
Thermal				
VICAT Softening Temperature	ISO R 306	5kg	°C	99
Flammability				
Flammability	UL94	HB	mm	1.0, 1.5, 3.0, 6.0

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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