

starex

Grade SD-0150  
Resin Type ABS

ABS material that can be used for typewriter and electric parts

Item	Measuring Method	Condition	Unit	Value
<b>Physical</b>				
Specific Gravity	ASTM D792	Natural Color	-	1.04
Melt Flow Index:	ASTM D1238	200°C, 5kg	g/10min	2
<b>Mechanical</b>				
Tensile Strength	ASTM D638	5mm/min	MPa	41
Flexural Strength	ASTM D790	2.8mm/min	MPa	62
Flexural Modulus	ASTM D790	2.8mm/min	MPa	2100
IZOD Impact Strength (notched)	ASTM D256	1/4 inch	J/m	220
Rockwell Hardness	ASTM D785	R-Scale	-	109
<b>Thermal</b>				
VICAT Softening Temperature	ISO R 306	5kg	°C	99
<b>Flammability</b>				
Flammability	UL94	HB	mm	1.0, 1.5, 3.0, 5.0

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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