

ASTM Property

starex	Grade	SD-0170
	Resin Type	ABS

Item	Measuring Method	Condition	Unit	Value
Physical				
Specific Gravity	ASTM D792	Natural or representative color	-	1.03
Melt Flow Index	ASTM D1238	220 °C, 10kg	g/10min	11.5
Mechanical				
Tensile Strength at Yield	ASTM D638	5mm/min	kgf/cm ²	320
Flexural Strength	ASTM D790	2.8mm/min	kgf/cm ²	520
Flexural Modulus	ASTM D790	2.8mm/min	kgf/cm ²	17000
Izod Impact Strength(notched)	ASTM D256	1/4 inch at 23°C	kgf·cm/cm	35
Rockwell Hardness	ASTM D785	R-Scale	-	95
Thermal				
VICAT Softening Temperature	ISO R 306	B/50	°C	94

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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