

## ISO Property

<b>starex</b>	Grade	TX-0510T
	Resin Type	TRABS

Item	Measuring Method	Condition	Unit	Value
<b>Physical</b>				
Specific Gravity	ISO 1183	Natural Color	-	1.1
Melt Flow Index	ISO 1133	220 °C, 10kg	g/10min	18
<b>Mechanical</b>				
Tensile Strength at Yield	ISO 527	50mm/min	MPa	52
Tensile Modulus	ISO 527	50mm/min	MPa	2177
Tensile Strength at Break	ISO 527	50mm/min	MPa	35
Flexural Strength	ISO 178	2mm/min	MPa	72
Flexural Modulus	ISO 178	2mm/min	MPa	2260
Charpy Impact Strength (notched)	ISO 179 1eA	4mm at 23°C	KJ/m <sup>2</sup>	10.4
IZOD Impact Strength (notched)	ISO 180 1A	4mm at 23°C	KJ/m <sup>2</sup>	9.9
Rockwell Hardness	ISO 2039	R-Scale	-	110
<b>Thermal</b>				
Heat Deflection Temperature	ISO 75-2	1.8MPa	°C	72
Heat Deflection Temperature	ISO 75-2	0.45MPa	°C	83
VICAT Softening Temperature	ISO R 306	B/50	°C	88
<b>Appearance</b>				
Yellow Index	ASTM D1925	4mm	-	2.5
<b>Optical</b>				
Transmissivity	ISO D13468	3.2mm	%	88
Haze	ISO D13468	3.2mm	%	2.7

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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