

## ISO Property

starex <sup>®</sup>	Grade	SR-7300
	Resin Type	ABS/PET

Material with superior chemical resistance that can be applied to the interior/exterior material of household appliances that require heat resistance

Item	Measuring Method	Condition	Unit	Value
<b>Physical</b>				
Specific Gravity	ISO 1183	Natural or representative color	-	1.1
Melt Flow Index	ISO 1133	250 °C, 10kg	g/10min	16
<b>Mechanical</b>				
Tensile Strength at Yield	ISO 527	50mm/min	MPa	44
Tensile Strain at break	ISO 527	50mm/min	%	19
Tensile Modulus	ISO 527	50mm/min	MPa	2000
Tensile Strength at break	ISO 527	50mm/min	MPa	30
Flexural Strength	ISO 178	2mm/min	MPa	65
Flexural Modulus	ISO 178	2mm/min	MPa	2100
Izod Impact Strength (notched)	ISO 180 1A	at 23°C, 4mm	KJ/m <sup>2</sup>	34
Charpy Impact Strength (V-notched)	ISO 179 1eA	at 23°C, 4mm	KJ/m <sup>2</sup>	28
Rockwell Hardness	ISO 2039-2	R-scale	-	106
<b>Thermal</b>				
Heat Deflection Temperature(Unannealed)	ISO 75-2	1.8MPa, 4.0mm	°C	78
Heat Deflection Temperature(Unannealed)	ISO 75-2	0.45MPa, 4.0mm	°C	94
Heat Deflection Temperature(Annealing)	ISO 75-2	1.8MPa, 4.0mm	°C	92
Heat Deflection Temperature(Annealing)	ISO 75-2	0.45MPa, 4.0mm	°C	101
VICAT Softening Temperature	ISO R 306	B/50	°C	104

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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