

ISO Property

starex®	Grade	VI-6120H
	Resin Type	Flame Retardant PP

Item	Measuring Method	Condition	Unit	Value
Physical				
Specific Gravity	ISO 1183	Natural color	g/cm ³	1.30
MVR	ISO 1133	230°C, 2.16kg	g/10min	8
Mechanical				
Tensile Elongation at Break	ISO 527	50mm/min	%	5
Tensile Strength at Yield	ISO 527	50mm/min	MPa	30
Flexural Strength	ISO 178	2mm/min	MPa	50
Flexural Modulus	ISO 178	2mm/min	MPa	3500
Charpy Impact (notched)	ISO 179 1eA	at 23°C, 4mm	KJ/m ²	2.5
Thermal				
Heat Deflection Temperature	ISO 75-2	0.46MPa, 120°C/h	°C	120
Flame Class				
Flame Class (RG50)	UL94	V0	mm	1.5
Flame Class (RG50)	UL94	5VA	mm	1.5

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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※ The last update date : 08/01/2019