

ISO Property

storex®	Grade	VI-6120N
	Resin Type	Halogen Free Flame Retardant PP/MF

Item	Measuring Method	Condition	Unit	Value
Physical				
Specific Gravity	ISO 1183	Natural color	g/cm ³	1.2
MVR	ISO 1133	230°C, 2.16kg	g/10min	10
Mold Shrinkage-MD	ISO 294-4	23°C	%	0.8~1.1
Mold Shrinkage-TD	ISO 294-4	23°C	%	0.9~1.2
Mechanical				
Tensile Strength at Yield	ISO 527	50mm/min	MPa	21
Flexural Strength	ISO 178	2mm/min	MPa	30
Flexural Modulus	ISO 178	2mm/min	MPa	2,600
Charpy Impact (notched)	ISO 179 1eA	at 23°C, 4mm	KJ/m ²	3
Thermal				
Heat Deflection Temperature	ISO 75-2	0.45MPa, 120°C/h	°C	110
Flame Class				
Flame Class	UL94	V0	mm	1.5
Flame Class	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 : 21/05/2021