

Toraycon® VX10

Acrylonitrile Butadiene Styrene + PBT

Toray Resin Company

Message:

Toraycon® VX10 is an Acrylonitrile Butadiene Styrene + PBT (ABS+PBT) product. It is available in Asia Pacific, Europe, or North America.

Characteristics include:

Flame Rated

Impact Resistant

Warp Resistant

General Information			
UL YellowCard	E41797-233339		
Features	High Impact Resistance		
	Low Warpage		
Part Marking Code	>PBT+ABS<		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.14	g/cm ³	ISO 1183
Molding Shrinkage			Internal Method
Across Flow : 3.00 mm ¹	1.2	%	
Flow : 3.00 mm ²	1.1	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2200	MPa	ISO 527-2
Tensile Stress (23°C)	46.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	34	%	ISO 527-2
Flexural Modulus (23°C)	2100	MPa	ISO 178
Flexural Stress (23°C)	66.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	43	kJ/m ²	ISO 179
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
NOTE			
1.	80x80x3		
2.	80x80x3mm		

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