

Toyolac® SX10G-15

Polyamide 6 + ABS
Toray Resin Company

Message:
Toyolac® SX10G-15 is a Polyamide 6 + ABS (Nylon 6+ABS) product filled with 15% glass fiber. It is available in Asia Pacific, Europe, or North America.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Part Marking Code	>PA6+ABS-GF15<		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.19	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/10.0 kg)	23	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (23°C)	110	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	5.0	%	ISO 527-2
Flexural Modulus (23°C)	4550	MPa	ISO 178
Flexural Stress (23°C)	159	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	9.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	175	°C	ISO 75-2/A

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