

Toyolac™ SX10G-15

Toray Industries, Inc. - Polyamide 6 + ABS

General Information

Product Description

ABS/PA Alloy, GF15%

General

Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight
Features	• High Strength
Uses	• Automotive Applications • Automotive Exterior Parts
Processing Method	• Injection Molding
ISO Designation	• >PA6+ABS-GF15<

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.19	g/cm ³	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 (73°F)	16000	psi	ISO 527-2
Tensile Strain (Break, 73°F)	5.0	%	ISO 527-2
Flexural Modulus (73°F)	660000	psi	ISO 178
Flexural Stress (73°F)	23100	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	4.3	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	347	°F	ISO 75-2/A