

TOYOLAC® SX01

(ABS+PA6)

Toray Industries, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	22	g/10min	ISO 1133
Temperature	240	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Tensile Strength	51	MPa	ISO 527
Strain at break	50	%	ISO 527
Flexural modulus, 23°C	1860	MPa	ISO 178
Charpy notched impact strength, +23°C	74	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 103	-	ISO 2039-2
ASTM Data			
Tensile Strength	46	MPa	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Flexural Modulus	1780	MPa	ASTM D 790
Rockwell Hardness	R 103	-	ASTM D 785
Izod Impact notched, 1/8 in	883	J/m	ASTM D 256
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	67	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	78	°C	ASTM D 648
Other properties			
Density	1070	kg/m ³	ISO 1183
Density	1070	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

North America, Europe, Asia Pacific, South and Central America,
Near East/Africa