

**Toyolac™ PX10 X06 U**

Toray Industries, Inc. - Polycarbonate + ABS

**General Information**
**Product Description**

ABS/PC Alloy

**General**

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Features	• High Heat Resistance	• Low Temperature Impact Resistance	
Uses	• Automotive Applications • Automotive Exterior Parts • Automotive Interior Parts	• Cell Phones • Computer Components • Luggage	• Office Automation Equipment • Switches
Processing Method	• Injection Molding		
ISO Designation	• >PC+ABS<		

**Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.15	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/10.0 kg)	15	g/10 min	ISO 1133
Molding Shrinkage <sup>2</sup>	0.40 to 0.70	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (73°F)	8560	psi	ISO 527-2
Tensile Strain (Break, 73°F)	50	%	ISO 527-2
Flexural Modulus (73°F)	310000	psi	ISO 178
Flexural Stress (73°F)	12600	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	23	ft·lb/in <sup>2</sup>	ISO 179
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 73°F)	114		ISO 2039-2
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	241	°F	ISO 75-2/A
Vicat Softening Temperature	239	°F	
CLTE - Flow	4.4E-5	in/in/°F	ASTM D696
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	HB		UL 94

**Notes**
<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 23°C/50%RH
