

TOYOLAC® TP90-X10

ABS

Toray Industries, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	31	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Tensile Strength	40	MPa	ISO 527
Strain at break	10	%	ISO 527
Flexural modulus, 23°C	1490	MPa	ISO 178
Charpy notched impact strength, +23°C	15	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength	32	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	1690	MPa	ASTM D 790
Izod Impact notched, 1/8 in	102	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	78	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	8E9	Ohm	ASTM D 257
Optical properties			
ISO Data			
Haze	17	-	ISO 14782
Other properties			
Density	1110	kg/m ³	ISO 1183
Density	1110	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Anti-static, Transparent

Regional Availability

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