

TOYOLAC® TP90

ABS

Toray Industries, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	26	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Tensile Strength	48	MPa	ISO 527
Strain at break	10	%	ISO 527
Flexural modulus, 23°C	1840	MPa	ISO 178
Charpy notched impact strength, +23°C	10	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength	40	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	1840	MPa	ASTM D 790
Izod Impact notched, 1/8 in	119	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	81	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E11	Ohm	ASTM D 257
Optical properties			
ISO Data			
Haze	6	-	ISO 14782
ASTM Data			
Light Transmittance	35	%	ASTM D 1003
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