

TOYOLAC® TP10

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	53	MPa	ISO 527
Strain at break	13	%	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Charpy notched impact strength, +23°C	13	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 109	-	ISO 2039-2
ASTM Data			
Tensile Strength	46	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	2160	MPa	ASTM D 790
Rockwell Hardness	R 109	-	ASTM D 785
Izod Impact notched, 1/8 in	69	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	86	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	1E11	Ohm	ASTM D 257
Other properties			
Density	1050	kg/m ³	ISO 1183
Density	1050	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Anti-static

Regional Availability

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