

TOYOLAC® TP88

ABS

Toray Industries, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	10	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Tensile Strength	39	MPa	ISO 527
Strain at break	17	%	ISO 527
Flexural modulus, 23°C	1610	MPa	ISO 178
Charpy notched impact strength, +23°C	25	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 96	-	ISO 2039-2
ASTM Data			
Tensile Strength	35	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	1670	MPa	ASTM D 790
Rockwell Hardness	R 96	-	ASTM D 785
Izod Impact notched, 1/8 in	98	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	85	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	5E12	Ohm	ASTM D 257
Other properties			
Density	1180	kg/m ³	ISO 1183
Density	1180	kg/m ³	ASTM D 792

Characteristics**Additives**

Flame retarding agent

Special Characteristics

Anti-static, Flame retardant

Regional Availability

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