

TOYOLAC® TP86F-X01

ABS

Toray Industries, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	53	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Tensile Strength	48	MPa	ISO 527
Strain at break	14	%	ISO 527
Flexural modulus, 23°C	2420	MPa	ISO 178
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength	40	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	2310	MPa	ASTM D 790
Thermal properties			
ISO Data			
Burning behav. 5V at thickness h	5VA	class	IEC 60695-11-20
Thickness tested	2.5	mm	-
ASTM Data			
DTUL @ 264 psi	86	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	6E12	Ohm	ASTM D 257
Other properties			
Density	1160	kg/m ³	ISO 1183
Density	1160	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