

TOYOLAC® TP50-X03

(ABS+PC)

Toray Industries, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	17	g/10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-
Mechanical properties			
ISO Data			
Tensile Strength	60	MPa	ISO 527
Strain at break	50	%	ISO 527
Flexural modulus, 23°C	2360	MPa	ISO 178
Charpy notched impact strength, +23°C	80	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 116	-	ISO 2039-2
ASTM Data			
Tensile Strength	55	MPa	ASTM D 638
Elongation at Break	10	%	ASTM D 638
Flexural Modulus	2250	MPa	ASTM D 790
Rockwell Hardness	R 116	-	ASTM D 785
Thermal properties			
ASTM Data			
DTUL @ 264 psi	103	°C	ASTM D 648
Electrical properties			
ASTM Data			
Surface Resistivity	3E13	Ohm	ASTM D 257
Other properties			
Density	1130	kg/m ³	ISO 1183
Density	1130	kg/m ³	ASTM D 792

Characteristics**Special Characteristics**

Anti-static, High impact or impact modified, Heat stabilized or stable to heat

Regional Availability

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