

Toyolac® PX10 X07

Acrylonitrile Butadiene Styrene
Toray Plastics (Malaysia) Sdn. Bhd.

Message:

Toyolac® PX10 X07 is an Acrylonitrile Butadiene Styrene (ABS) material. It is available in Asia Pacific or Europe.
Important attributes of Toyolac® PX10 X07 are:
Flame Rated
RoHS Compliant

General Information			
RoHS Compliance		RoHS Compliant	
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.12	g/cm ³	ASTM D792
23°C	1.12	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/10.0 kg)	29	g/10 min	ASTM D1238, ISO 1133
Molding Shrinkage - Flow (23°C)	0.40 to 0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 23°C)	114		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
-- ¹	52.0	MPa	ASTM D638
--	57.0	MPa	ISO 527-2/50
Tensile Elongation			
Break ²	> 50	%	ASTM D638
Break	> 50	%	ISO 527-2/50
Flexural Modulus			
-- ³	2100	MPa	ASTM D790
-- ⁴	2180	MPa	ISO 178
Flexural Strength			
-- ⁵	79.0	MPa	ASTM D790
-- ⁶	84.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	60	kJ/m ²	ISO 179/1eA
Notched Izod Impact (23°C, 12.7 mm)	330	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
1.8 MPa, Unannealed, 6.40 mm	108	°C	ASTM D648
1.8 MPa, Unannealed ⁷	101	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method

Flame Rating	HB	UL 94
NOTE		
1.	5.0 mm/min	
2.	5.0 mm/min	
3.	3.0 mm/min	
4.	2.0 mm/min	
5.	3.0 mm/min	
6.	2.0 mm/min	
7.	120°C/hr	

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Recommended distributors for this material

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