

Toyolac™ TA60 X01 ASA

TECHNICAL DATA

Product Description

Extrusion

Uses

- Appliances
- Bathroom Accessories
- Blow Molding Applications
- Construction Applications
- Consumer Applications
- Electrical/Electronic Applications
- Furniture
- Household Goods
- Kitchenware
- Lighting Applications
- Luggage
- Office Automation Equipment
- Plumbing Parts
- Printer
- White Goods & Small Appliances
- Windows & Doors

Processing Method

- Extrusion
- Sheet Extrusion

ISO Designation

- >ASA<

Type

- ASA resin

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.06	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	5.0	g/10 min	ISO 1133
Molding Shrinkage ¹	0.40 to 0.60	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	42	MPa	ISO 527-2
Flexural Modulus (23°C)	1940	MPa	ISO 178
Flexural Stress (23°C)	62	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	39.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	80	°C	ISO 75-2/A

Notes

¹ 23°C/50%RH

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