

Toyolac™ TA20 X01 ASA

TECHNICAL DATA

Product Description

Easy coloring

Uses

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

Processing Method

- Extrusion
- Injection Molding

ISO Designation

- >ASA<

Type

- ASA resin

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.10	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	21	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)	43	MPa	ISO 527-2
Flexural Modulus (23°C)	1950	MPa	ISO 178
Flexural Stress (23°C)	64	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	76	°C	ISO 75-2/A

Notes

¹ 23°C/50%RH

Toray Industries, Inc.

