

Toyolac™ TA20 X01

Toray Industries, Inc. - Acrylonitrile Styrene Acrylate

General Information

Product Description

Easy coloring

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• Europe	• North America
Uses	• Appliances	• General Purpose	• Plumbing Parts
	• Bathroom Accessories	• Household Goods	• Printer
	• Construction Applications	• Kitchenware	• White Goods & Small Appliances
	• Consumer Applications	• Lighting Applications	• Windows & Doors
	• Electrical/Electronic Applications	• Luggage	
	• Furniture	• Office Automation Equipment	
Processing Method	• Extrusion	• Injection Molding	
ISO Designation	• >ASA<		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.10	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	21	g/10 min	ISO 1133
Molding Shrinkage ²	0.40 to 0.60	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (73°F)	6240	psi	ISO 527-2
Flexural Modulus (73°F)	283000	psi	ISO 178
Flexural Stress (73°F)	9280	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.3	ft·lb/in ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	169	°F	ISO 75-2/A

Notes

¹ Typical properties: these are not to be construed as specifications.

² 23°C/50%RH

