

# Toyolac™ TM335 GM2

Toray Industries, Inc. - Acrylonitrile Butadiene Styrene

## General Information

### Product Description

High flow

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Features	<ul style="list-style-type: none"> <li>High Flow</li> </ul>	<ul style="list-style-type: none"> <li>Pleasing Surface Appearance</li> </ul>
Uses	<ul style="list-style-type: none"> <li>Automotive Applications</li> </ul>	<ul style="list-style-type: none"> <li>Automotive Exterior Parts</li> <li>Automotive Interior Parts</li> </ul>
Processing Method	<ul style="list-style-type: none"> <li>Injection Molding</li> </ul>	
ISO Designation	<ul style="list-style-type: none"> <li>&gt;ABS&lt;</li> </ul>	

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.04	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	25	g/10 min	ISO 1133
Molding Shrinkage <sup>2</sup>	0.40 to 0.70	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (73°F)	6670	psi	ISO 527-2
Tensile Strain (Break, 73°F)	38	%	ISO 527-2
Flexural Modulus (73°F)	335000	psi	ISO 178
Flexural Stress (73°F)	10000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	12	ft·lb/in <sup>2</sup>	ISO 179
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale, 73°F)	112		ISO 2039-2
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 264 psi, Unannealed	183	°F	ISO 75-2/A
CLTE - Flow	4.7E-5	in/in/°F	ASTM D696