



# American Molding Technologies Inc.

2350 E. Lunt Ave. Elk Grove Village, IL 60007

Tel. (847)437-6900 Fax (847)437-6999

## General Information

### General

Product Code	• 1000831
Material Status	• Commercial: Active
Availability	• North America
Test Standards Available	• ASTM
Recycled Content	• No
Features	• Clarified, RoHS Compliant, BPA Free
Forms	• Pellets
Processing Method	• Injection Molding

### Properties

	Nominal Value	Unit	Test Method
Melt Flow Rate (230 °C/2.16 kg)	35	g/10min	ASTM D1238
Melt Volume-Flow Rate (MVR) (220 °C/10 kg)	*	cm <sup>3</sup> /10min	ISO 1133
Density	0.9	g/cm <sup>3</sup>	ASTM D1505
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Elongation @ Yield	*	%	ASTM D638
Tensile Strength @ Yield	4,500	psi	ASTM D638
Flexural Modulus 1% Secant	170,000	psi	ASTM D790
Flexural Strength	*	psi	ASTM D790
<b>Impact</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Notched Izod (73°F)	*	ft-lb/in	ASTM D256
Charpy Impact Strength	*	kJ/m <sup>2</sup>	ISO 179
<b>Hardness</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Rockwell	*	R	ASTM D785
<b>Thermal</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Vicat Softening Point	*	°F	ASTM D1525
Deflection Temperature of Plastic @ 66 psi	*	°F	ASTM D648
Deflection Temperature of Plastic @ 264 psi	*	°F	ASTM D648
<b>Optical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Haze	9	%	

## Suggested Applications

Rigid Thin Walled Containers, Sports & Leisure, Toys, Housewares, Molded Caps & Closures