



# American Molding Technologies Inc.

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- |                          |                                       |
|--------------------------|---------------------------------------|
| 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
Mechanical			
	Nominal Value	Unit	Test Method
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
Impact			
	Nominal Value	Unit	Test Method
Notched Izod (73°F)	*	ft-lb/in	ASTM D256
Charpy Impact Strength	*	kJ/m <sup>2</sup>	ISO 179
Hardness			
	Nominal Value	Unit	Test Method
Rockwell	*	R	ASTM D785
Thermal			
	Nominal Value	Unit	Test Method
Vicat Softening Point	*	°F	ASTM D1525
Deflection Temperature of Plastic @ 66 psi	*	°F	ASTM D648
Deflection Temperature of Plastic @ 264 psi	*	°F	ASTM D648
Optical			
	Nominal Value	Unit	Test Method
Haze	9	%	

### Suggested Applications

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