

## Injection Molding

### Applications

- Consumer applications
- Industrial applications
- Tools and tote boxes
- Toys
- Crates

### Characteristics

- Balanced stiffness and toughness
- Ultra high impact resistance
- Medium flow
- Nucleated

Property	Value	Unit	Method
Melt Index, (230 °C/2.16 kg)	4.0	g/10 min	D 1238
Density	0.900	g/cm <sup>3</sup>	
Tensile Strength at Yield	3790	psi	D 638
Tensile Stress at Yield	3810	psi	ISO 527-2/50
Elongation at Yield (2.0 in/min)	5.5	%	D 638
Tensile Strain at Yield	4.2	%	ISO 527-2/50
Tensile Modulus	200000	psi	ISO 527-2/1
Flexural Modulus, 1 % Secant	195000	psi	D 790A
Flexural Modulus, (2.0 mm/min)	191000	psi	ISO 178
Notched Izod Impact, 73 °F	No Break		D 256A
Notched Izod Impact Strength, -40 °C	1.8	ft-lb/in <sup>2</sup>	ISO 180/1A
Charpy Notched Impact Strength, -22 °F	2.1	ft-lb/in <sup>2</sup>	ISO 179/1eA
Gardner Impact, -20 °C	262	in-lb	D 5420
Heat Deflection Temperature	127	°F	ISO 75-2/A
DTUL at 66 psi Unannealed	207	°F	D 648

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.

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