

## ASTM Property

<b>Grade</b>	J-320
<b>Product</b>	Polypropylene, Impact Copolymer

### General Information

**Key Features**

- Good the Balance of Stiffness and Impact resistance
- Heat resistance

**Applications**

- Industrial/Household goods
- Home appliances and electronics

Item	Measuring Method	Unit	Value
<b>Physical Properties</b>			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	1.8
Density	ASTM D792	g/cm <sup>3</sup>	0.9
<b>Mechanical Properties</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	290
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	12,000
<b>Impact Properties</b>			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	11.0
Izod Impact Strength (notched, -10°C)	ASTM D256	kgf·cm/cm	3.5
<b>Thermal Properties</b>			
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	°C	105
<b>Additional Properties</b>			
Flammability	UL94		HB

1. Physical Properties : these are not to be construed as specifications

\* The last update date : 2026/06/01