

## ASTM Property

<b>Grade</b>	M9600
<b>Product</b>	Polypropylene, Homopolymer

### General Information

**Key Features**

- Extrusion coating application (Woven bag & Kraft paper)
- High speed processability, Low neck-in, Good adhesive property to paper, Moisture/oil permeation resistance

**Applications**

- Resin products, Fish, Steel tube, Pet foods packaging

Item	Measuring Method	Unit	Value
<b>Physical Properties</b>			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	25
Density	ASTM D792	g/cm <sup>3</sup>	0.9
<b>Mechanical Properties</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	300
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	13,000
Rockwell Hardness	ASTM D785	R	90
<b>Impact Properties</b>			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	4.9
<b>Thermal Properties</b>			
Melting Temperature	LDP Method	°C	162
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	°C	100
VICAT Softening Temperature	ASTM D1525	°C	149

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

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