

<b>Grade</b>	B-311
<b>Product</b>	Polypropylene, Impact Copolymer

#### General Information

Key Features - Good stiffness and Impact resistance

Applications - Vacuum forming use (food packaging tray)  
- Plastic corrugated boards  
- Blow molding goods

Item	Measuring Method	Unit	Value
<b>Physical Properties</b>			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	0.5
Density	ASTM D792	g/cm <sup>3</sup>	0.9
<b>Mechanical Properties</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	320
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	14,500
<b>Impact Properties</b>			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	NB
Izod Impact Strength (notched, -10°C)	ASTM D256	kgf·cm/cm	4.5
<b>Thermal Properties</b>			
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	°C	120

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

\* The last update date : 2022/09/21