

DATASHEET

ASTM Property



Grade	B-311
Product	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
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	0.5
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	320
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/cm ²	14,500
Impact Properties			
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
Thermal Properties			
Heat Deflection Temperature (4.6kgf/cm ²)	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