

Grade	B-311
Product	PP

General Information

Key Features

B-311 is impact block copolymer which has ethylene-propylene rubber inside homo polypropylene. This grade can be processed by sheet extrusion. B-311 shows good impact resistance at low temperature and has also high strength. It has good vacuum molding property, suitable for the production of vacuum molding goods. B-311 is applied to food packaging tray, various industrial sheets.

Applications

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

Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	0.5
Density	ASTM D792	g/cm ³	0.9
Mechanical			
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			
Notched Izod Impact Strength (23°C)	ASTM D256	kgf·cm/cm	75
Notched Izod Impact Strength (-10°C)	ASTM D256	kgf·cm/cm	4.5
Thermal			
Heat Deflection Temperature	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 : 2021/10/01