

Grade	B-310
Product	PP

General Information

Key Features

B-310 is impact block copolymer which has ethylene-propylene rubber inside homo polypropylene. This grade can be processed by sheet extrusion. B-310 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-310 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	300
Tensile Strain (Break)	ASTM D638	%	≥300
Flexural Modulus	ASTM D790	kgf/cm ²	13,000
Impact			
Notched Izod Impact Strength (23°C)	ASTM D256	kgf·cm/cm	85
Notched Izod Impact Strength (-10°C)	ASTM D256	kgf·cm/cm	5.0
Thermal			
Heat Deflection Temperature	ASTM D648	°C	105
Additional			
Flammability	UL94		HB

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

2. ISO 9001, 14001, /TS 16949

* The last update date : 2021/10/01