B-310
Polypropylene (Impact Copolymer)

Product Description
B-310 is a Impact copolymer polypropylene and is designed suitable for extrusion and blow molding.
B-310 can be processed by extrusion, injection blow molding and 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.

Key Features
- Impact/Heat resistance
- High strength

Applications
- Vacuum forming use(food packaging tray)
- Plastic corrugated boards
- Food packaging tray

Typical Properties

Item		Measuring Method		Value	Unit
Physical	Melt Flow Index (230℃, 2.16㎏)	ASTM	D1238	0.5	g/10min
	Density	ASTM	D1505	0.9	g/cm^3
Mechanical	Tensile Stress (Yield)	ASTM	D638	300	kgf/cm^2
	Tensile Strain (Break)	ASTM	D638	> 300	%
	Flexural Modulus	ASTM	D790	13,000	kgf/cm^2
	Notched Izod Impact Strength (23℃)	ASTM	D256	85.0	kgf·cm/cm
	Notched Izod Impact Strength (-10℃)	ASTM	D256	5.0	kgf·cm/cm
	Heat Deflection Temp. ($4.6kgf/cm^2$)	ASTM	D648	105	℃

• NOTE : These are not to be construed as specifications

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