

B-310 UGCC Block Polypropylene (Blow grade)

Description

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.

Application

Vacuum forming use, Plastic corrugated boards

Blow molding goods, Chemical bottle, food packaging tray and etc.

Physical Properties*			
Physical	Testing methods	Nominal values	
Density (by Gradient technique)	ASTM D 1505	gr/cm ³	0.85-0.95
Melt Flow Rate	ASTM D 1238	g/10min	0.4-0.6
Mechanical			
Tensile Strength at Yield, min.	ASTM D 638	kg f/cm ²	250
Elongation at Break, min.	ASTM D 638	%	100
Flexural Modulus, min.	ASTM D 790	kg f/cm ²	12000
Impact			
Notched Izod Impact Strength (23 °C), min.	ASTM D 256	kg f cm/cm	20.0
Notched Izod Impact Strength (-10 °C), min.	ASTM D 256	kg f cm/cm	2.5
Thermal			
Heat Distortion Temperature (4.6 kgf/cm ²), min.	ASTM D 648	°C	95

Note: Above data are based on information provided by Licensor and it is not to be construed as specifications, the latest exact data can be obtained from Uz-Kor Gas Chemical Central Plant Laboratory