UZ-KOR GAS CHEMICAL

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 ^{0}C), min.	ASTM D 256	kg f cm/cm	20.0
Notched Izod Impact Strength (-10 ^{0}C), min.	ASTM D 256	kg f cm/cm	2.5
Thermal			
Heat Distortion Temperature (4.6 kgf/cm^2), min.	ASTM D 648	^{0}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

Manufacturer website: https://uz-kor.com/