UZ-KOR GAS CHEMICAL

B-520 UGCC Random Polypropylene (Blow grade)

Description

B-520 is random copolymer polypropylene for extrusion and blow molding application with good transparency and good gloss for transparent bottle. This grade can be processed by extrusion, injection blow molding and sheet extrusion. B-520 offers high clarity, flexible stiffness, high heat distortion temperature and chemical resistance. This grade is suitable for food contact.
B-520 is a 'Phthalate-Free' product.

Application

Gum bottle, detergent bottle, cosmetic bottle

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	1.8-2.2
Mechanical			
Tensile Strength at Yield, min.	ASTM D 638	$kg\ f/cm^2$	260
Elongation at Break, min.	ASTM D 638	%	100
Flexural Modulus, min.	ASTM D 790	$kg\ f/cm^2$	12000
Impact			
Izod Impact Strength (23 ^{0}C), min.	ASTM D 256	kg f cm/cm	6.0
Izod Impact Strength (-10 ^{0}C), min.	ASTM D 256	kg f cm/cm	1.5
Thermal			
Heat Distortion Temperature (4.6 kgf/cm^2), min.	ASTM D 648	^{0}C	85
Other properties			
Haze	ASTM D 1003	%	30

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/