UZ-KOR GAS CHEMICAL

J-160 UGCC Homo Polypropylene (Injection grade)

Description

J-160 is homo polymer resin produced through the polymerization of propylene. This grade is designed to be processed in conventional Injection molding equipment. J-160 shows good thermal stability and has high strength and stiffness. It is typically used in production of housewares and the general supplies.

Application

Housewares and general supplies

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	13-19
Mechanical			
Tensile Strength at Yield, min.	ASTM D 638	$kg\ f/cm^2$	330
Elongation at Break, min.	ASTM D 638	%	10
Flexural Modulus, min.	ASTM D 790	$kg\ f/cm^2$	15000
Impact			
Notched Izod Impact Strength (23 ^{0}C), min.	ASTM D 256	kg f cm/cm	2.5
Notched Izod Impact Strength (-10 ^{0}C), min.	ASTM D 256	kg f cm/cm	-
Thermal			
Heat Distortion Temperature (4.6 kgf/cm^2), min.	ASTM D 648	^{0}C	100

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/