UZ-KOR GAS CHEMICAL

J-170T UGCC Homo Polypropylene (Injection grade)

Description

J-170T is homo polymer resin produced through the polymerization of propylene. This grade is designed to be processed in conventional Injection molding equipment. J-170T shows good thermal stability and high melt-flow. It is typically used in production of housewares, the transparency stationery and disposable syringes.

Application

Housewares, general supplies
Transparent stationary, disposable syringes

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	23-33
Mechanical			
Tensile Strength at Yield, min.	ASTM D 638	$kg\ f/cm^2$	350
Elongation at Break, min.	ASTM D 638	%	10
Flexural Modulus, min.	ASTM D 790	$kg\ f/cm^2$	17000
Impact			
Izod Impact Strength (23 ^{0}C), min.	ASTM D 256	kg f cm/cm	2.0
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	105
Other properties			
Haze, max.	ASTM D 1003	%	40

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/