UZ-KOR GAS CHEMICAL

Y-120 UGCC Homo Polypropylene (Yarn grade)

Description

Y-120 is a propylene homo polymer designed for stretched products such as flat yarn It is a low flow rate resin with a broad molecular weight distribution. It complies with FDA regulation.

Application

Flat yarns for woven bags, tape and rope
Vacuum forming use (food packaging/industrial tray)
Monofilament, yarn

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	0.8-1.2
Mechanical			
Tensile Strength at Yield, min.	ASTM D 638	$kg\ f/cm^2$	300
Elongation at Break, min.	ASTM D 638	%	100
Flexural Modulus, min.	ASTM D 790	$kg\ f/cm^2$	13500
Impact			
Notched Izod Impact Strength (23 ^{0}C), min.	ASTM D 256	kg f cm/cm	3.0
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
Vicat Softening Point	ASTM D 1525	^{0}C	150

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/