UZ-KOR GAS CHEMICAL

FI-151 UGCC Homo Polypropylene (Film (IPP) grade)

Description

FI-151 is the Homo polypropylene. This grade is designed to potential end use applications include high transparency

Application

General IOPP film, shrink film
Cloth packaging, food packaging, General film

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	7.0-9.0
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			
Izod Impact Strength (23 ^{0}C), min.	ASTM D 256	kg f cm/cm	3.0
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	100
Vicat softening point, min.	ASTM D 1525	^{0}C	150
Melting temperature	ASTM D 3418	^{0}C	160

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/