UZ-KOR GAS CHEMICAL

FO-130A UGCC Homo Polypropylene (Film (OPP) grade)

Description

FO-130A is homo polymer resin produced by the polymerization of propylene. This grade is designed to be processed in metallizing BOPP film applications. This grade shows good gloss and transparence properties.

Application

General OPP film
Metallizing BOPP Core Layer

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	2.8-3.2
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			
Izod Impact Strength (23 ^{0}C), min.	ASTM D 256	kg f cm/cm	-
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	-
Vicat softening point, min.	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/