UZ-KOR GAS CHEMICAL

FC-550 UGCC Random Polypropylene (CPP film grade)

Description

FC-550 is a controlled medium modified propylene random copolymer for manufacturing high transparent cast films. The product contains slip and anti-block agents. It offers good process ability, excellent clarity and gloss and the resin is specifically designed not to discolor and to provide excellent film optical properties. It is also suitable for production of stationary folders.
FC-550 is suitable for food contact.

Application

General CPP Skin and Core Layer
Packaging of foodstuffs, packaging of stationary, shirts and hosiery

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	$kg\ f/cm^2$	240
Elongation at Break, min.	ASTM D 638	%	100
Flexural Modulus, min.	ASTM D 790	$kg\ f/cm^2$	6300
Impact			
Notched Izod Impact Strength (23 ^{0}C), min.	ASTM D 256	kg f cm/cm	4.0
Notched Izod Impact Strength (-10 ^{0}C), min.	ASTM D 256	kg f cm/cm	-
Thermal			
Heat Deflection Temperature (4.6 kgf/cm^2), min.	ASTM D 648	^{0}C	80
Vicat Softening Point	ASTM D 1525	^{0}C	130
Melting Temperature	ASTM D 3418	^{0}C	148

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/