UZ-KOR GAS CHEMICAL

FC-150B UGCC Homo Polypropylene (CPP film grade)

Description

FC-150B is a high melt flow rate (MFR) polypropylene homo polymer especially designed for metallizing cast film technology. The resin is specifically designed not to discolor and to provide excellent film optical properties. The resin has a high crystalline. This material is available as an extruded pellet. This is a low smoke, low volatile resin. It contains an unusually low level of extractable.

Application

Metallizing CPP Core Layer
High Heat Resistance General CPP Film etc.

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	%	10
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	2.5
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
Melting Temperature	ASTM D 3418	^{0}C	162

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/