

## 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 <sup>3</sup>	0.85-0.95
Melt Flow Rate	ASTM D 1238	g/10min	7.0-9.0
<b>Mechanical</b>			
Tensile Strength at Yield, min.	ASTM D 638	kg f/cm <sup>2</sup>	300
Elongation at Break, min.	ASTM D 638	%	100
Flexural Modulus, min.	ASTM D 790	kg f/cm <sup>2</sup>	13500
<b>Impact</b>			
Izod Impact Strength (23 °C), min.	ASTM D 256	kg f cm/cm	3.0
Izod Impact Strength (-10 °C), min.	ASTM D 256	kg f cm/cm	-
<b>Thermal</b>			
Heat Distortion Temperature (4.6 kgf/cm <sup>2</sup> ), min.	ASTM D 648	°C	100
Vicat softening point, min.	ASTM D 1525	°C	150
Melting temperature	ASTM D 3418	°C	160

