

## ASTM Property

<b>Grade</b>	FC-150U
<b>Product</b>	Polypropylene, Homopolymer

### General Information

**Key Features**

- High crystallinity, Low volatile and extractable compounds
- Excellent transparency, thermal resistance, glossiness and processibility
- Containing slip and anti-blocking agent

**Applications**

- General CPP Film

Item	Measuring Method	Unit	Value
<b>Physical Properties</b>			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	8.0
Density	ASTM D792	g/cm <sup>3</sup>	0.9
<b>Mechanical Properties</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	360
Tensile Strain (Break)	ASTM D638	%	>100
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	17,500
Rockwell Hardness	ASTM D785	R	107
<b>Impact Properties</b>			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	2.5
<b>Thermal Properties</b>			
Melting Temperature	LDP Method	°C	165
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	°C	115
<b>Film Properties</b>			
Haze	ASTM D1003	%	<3.0
Coefficient of Friction	ASTM D1894		<0.8

1. Physical Properties : these are not to be construed as specifications

2. Measured on 30 $\mu$ m mono-layer CPP film

\* The last update date : 2026/06/01