



<b>Grade</b>	FC-150B
<b>Product</b>	PP

### General Information

#### Key Features

FC-150B is a polypropylene homopolymer especially designed for metallizing cast film technology. The resin is specifically designed to provide excellent film optical properties. The resin has a high crystalline, a melting point of 165°C. This is a low volatile and extractable.

#### Applications

- CPP Film for metallizing
- High heat resistance general CPP film

Item	Measuring Method	Unit	Value
<b>Physical</b>			
Melt Flow Index	ASTM D1238	g/10min	8.0
Density	ASTM D1505	g/cm <sup>3</sup>	0.9
<b>Mechanical</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</b>			
Izod Impact Strength(notched) (23°C)	ASTM D256	kgf·cm/cm	2.5
<b>Thermal</b>			
Melting Temperature	ASTM D3418	°C	165
Heat Deflection Temperature(4.6kgf/cm <sup>2</sup> )	ASTM D648	°C	115
<b>Film</b>			
Haze	ASTM D1003	%	<1.0
Coefficient of Friction	ASTM D1894		<1.0

1. Physical Properties : these are not to be construed as specifications
2. Measured on 30μm mono-layer CPP film made of LOTTE CHEMICAL's cast film grade
3. ISO 9001, 14001, /TS 16949

\* The last update date : 2021/10/01