



## ASTM Property

<b>Grade</b>	SFI-553
<b>Product</b>	Polypropylene, Random Copolymer

### General Information

**Key Features**

- Suitable for inflation PP film products
- Excellent transparency, slipperiness and film opening property
- Containing slip and anti-blocking agent

**Applications** Cloth packaging, Food packaging

Item	Measuring Method	Unit	Value
<b>Physical Properties</b>			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	7.0
Density	ASTM D792	g/cm <sup>3</sup>	0.9
<b>Mechanical Properties</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	230
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	7,800
Rockwell Hardness	ASTM D785	R	82
<b>Impact Properties</b>			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	10
<b>Thermal Properties</b>			
Melting Temperature	LC Method	°C	135
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	°C	72
<b>Film Properties</b>			
Haze	ASTM D1003	%	<2.5

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

\* The last update date : 2022/09/21