



<b>Grade</b>	SFI-151
<b>Product</b>	Polypropylene, Homopolymer

### General Information

**Key Features**

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

**Applications** - Cloth packaging and food packaging films

Component	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16 kg)	ASTM D1238	g/10min	8.0
Density	ASTM D792	g/cm <sup>3</sup>	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	360
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	15,000
Rockwell Hardness	ASTM D785	R	102
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf-cm/cm	
Thermal Properties			
Melting Temperature	LC Method	°C	162
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	°C	105
Film Properties			
Haze	ASTM D1003	%	<2.5

1. Physical Properties : these are not to be construed as specifications
2. Measured on 30μm mono-layer CPP film

