



<b>Grade</b>	SFC-550
<b>Product</b>	Polypropylene, Random Copolymer

### General Information

#### Key Features

- Good processability, excellent clarity and gloss
- Contain slip and anti-blocking additives

#### Applications

- General CPP Film
- Cloth Packaging, Food Packaging

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>	270
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	10000
Rockwell Hardness	ASTM D785	R	85
<b>Impact Properties</b>			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	3.7
<b>Thermal Properties</b>			
Melting Temperature	LC Method	°C	148
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	°C	80
<b>Film Properties</b>			
Haze	ASTM D1003	%	<1.5
Coefficient of Friction	ASTM D1894		<0.3
Heat Seal Temperature	LC Method	°C	132

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 : 2023/01/01