

Grade	SFC-851
Product	Polypropylene, Random Terpolymer

## General Information

## Key Features

- Good processability, excellent clarity and gloss.
- Low Heat Seal and Heat Seal Initiation Temperature.
- Contain slip and anti-blocking additives.

## Applications

- Heat Seal Layer of General CPP Film

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	7.0
Density	ASTM D792	g/cm <sup>3</sup>	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	190
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	6,300
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	10
Thermal Properties			
Melting Temperature	LC Method	°C	130
VICAT Softening Temperature	ASTM D1525	°C	110
Film Properties			
Haze	ASTM D1003	%	<1.5
Coefficient of Friction	ASTM D1894	-	<0.2
Heat Seal Temperature	LC Method	°C	115

1. Physical Properties : these are not to be construed as specifications
2. Measured on 40  $\mu$ m mono-layer CPP film made of LOTTE CHEMICAL's cast film grade
3. ISO 9001, 14001, /TS 16949

\* The last update date : 2024/11/06