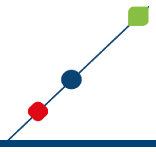
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	SFC-550
Product	Polypropylene, Random Compolymer

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
Physical Properties			
Melt Flow Index (230℃, 2.16kg)	ASTM D1238	g/10min	8.0
Density	ASTM D792	g/㎤	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	270
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/㎠	10000
Rockwell Hardness	ASTM D785	R	85
Impact Properties			
Izod Impact Strength (notched, 23℃)	ASTM D256	kgf·㎝/㎝	3.7
Thermal Properties			
Melting Temperature	LC Method	℃	148
Heat Deflection Temperature (4.6kgf/㎠)	ASTM D648	℃	80
Film Properties			
Haze	ASTM D1003	%	<1.5
Coefficient of Friction	ASTM D1894		<0.3
Heat Seal Temperature	LC Method	℃	132

1. Physical Properties : these are not to be construed as specifications
2. Measured on 30㎛ 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