DATASHEET

ASTM Property

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℃, 2.16kg)	ASTM D1238	g/10min	7.0
Density	ASTM D792	g/㎤	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	190
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/㎠	6,300
Impact Properties			
Izod Impact Strength (notched, 23℃)	ASTM D256	kgf·㎝/㎝	10
Thermal Properties			
Melting Temperature	LC Method	℃	130
VICAT Softening Temperature	ASTM D1525	℃	110
Film Properties			
Haze	ASTM D1003	%	<1.5
Coefficient of Friction	ASTM D1894	-	<0.2
Heat Seal Temperature	LC Method	℃	115

1. Physical Properties : these are not to be construed as specifications
2. Measured on 40 ㎛ 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