

DATASHEET

ASTM Property



Grade	SFI-841
Product	Polypropylene, Random Terpolymer

General Information

Key Features

- Low heat-seal temperature and wide hot-tack range
- Excellent transparency, glossiness, processibility and slip property
- Containing Slip and anti-blocking agent

Applications

IOPP Film(POF), Shrink Film, Sealing Layer for BOPP

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	5.5
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	200
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/cm ²	6,800
Rockwell Hardness	ASTM D785	R	80
Thermal Properties			
Melting Temperature	LC Method	°C	130
VICAT Softening Temperature	ASTM D1525	°C	114
Film Properties			
Haze	ASTM D1003	%	<1.5
Heat Seal Temperature	LC Method	°C	118
Heat Seal Initiation Temperature	LC Method	°C	105

1. Physical Properties : these are not to be construed as specifications
2. Measured on 30μm mono-layer CPP film made of LOTTE CHEMICAL's cast film grade
3. ISO 9001, 14001, /TS 16949

* The last update date : 2022/09/21