

DATASHEET

ASTM Property



Grade	SFI-151
Product	Polypropylene, Homopolymer

General Information

Key Features

- Suitable for inflation PP film products
- Excellent transparency, film opening property and slipperiness
- Containing slip and anti-blocking agent

Applications

Cloth packaging and Food packaging Films

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	8.0
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	360
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/cm ²	15,000
Rockwell Hardness	ASTM D785	R	102
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	
Thermal Properties			
Melting Temperature	LC Method	°C	162
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	105
Film Properties			
Haze	ASTM D1003	%	<2.5

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