DATASHEET

ASTM Property

LOTTE CHEMICAL

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℃, 2.16kg)	ASTM D1238	g/10min	8.0
Density	ASTM D792	g/㎤	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	360
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/㎠	15,000
Rockwell Hardness	ASTM D785	R	102
Impact Properties			
Izod Impact Strength (notched, 23℃)	ASTM D256	kgf·㎝/㎝	
Thermal Properties			
Melting Temperature	LC Method	℃	162
Heat Deflection Temperature (4.6kgf/㎠)	ASTM D648	℃	105
Film Properties			
Haze	ASTM D1003	%	<2.5

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

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