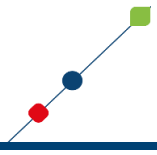
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	FI-150
Product	Polypropylene, Homopolymer

General Information

Key Features	- Suitable for inflation PP film products - Excellent transparency, slipperiness and film opening property - Containing slip and anti-blocking agent
Applications	Clothes packaging, food packaging

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230℃, 2.16kg)	ASTM D1238	g/10min	11.0
Density	ASTM D792	g/㎤	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	350
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/㎠	16000
Rockwell Hardness	ASTM D785	R	100
Impact Properties			
Izod Impact Strength (notched, 23℃)	ASTM D256	kgf·㎝/㎝	3
Thermal Properties			
Melting Temperature	LC Method	℃	162
Heat Deflection Temperature (4.6kgf/㎠)	ASTM D648	℃	104
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

* The last update date : 2022/09/21