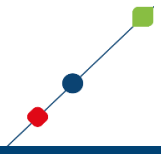
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	FO-135A
Product	Polypropylene, Homopolymer

General Information

Key Features	- Suitable for BOPP film for metalizing - Excellent trasparency, glossiness and high-speed processibility
Applications	Metallized BOPP Film, Printable BOPP Film and Tape

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230℃, 2.16kg)	ASTM D1238	g/10min	3.0
Density	ASTM D792	g/㎤	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	350
Tensile Strain (Break)	ASTM D638	%	>100
Flexural Modulus	ASTM D790	kgf/㎠	15000
Rockwell Hardness	ASTM D785	R	99
Thermal Properties			
Melting Temperature	LC Method	℃	158
VICAT Softening Temperature	ASTM D1525	℃	148
Film Properties			
Haze	ASTM D1003	%	<2.0
Coefficient of Friction	ASTM D1894		<0.8

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