

DATASHEET

ASTM Property



Grade	FO-135
Product	Polypropylene, Homopolymer

General Information

Key Features	- Suitable for BOPP film products - Excellent transparency, high-speed processibility, anti-static property and printability - Containing an anti-static agent
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Applications	General or Printable BOPP Film, Tape
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Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	3.0
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	350
Tensile Strain (Break)	ASTM D638	%	>100
Flexural Modulus	ASTM D790	kgf/cm ²	15000
Rockwell Hardness	ASTM D785	R	99
Thermal Properties			
Melting Temperature	LC Method	°C	158
VICAT Softening Temperature	ASTM D1525	°C	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 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