

DATASHEET

ASTM Property



Grade	SFO-130A
Product	Polypropylene, Homopolymer

General Information

Key Features

- Suitable for BOPP film for metalizing
- Excellent transparency and glossiness

Applications

Metallizing BOPP Core Layer

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	360
Tensile Strain (Break)	ASTM D638	%	>100
Flexural Modulus	ASTM D790	kgf/cm ²	15,500
Rockwell Hardness	ASTM D785	R	100
Thermal Properties			
Melting Temperature	LC Method	°C	162
VICAT Softening Temperature	ASTM D1525	°C	150
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