

DATASHEET

ASTM Property



Grade	SFC-650BT
Product	Polypropylene, Random Copolymer

General Information

Key Features

- Excellent clarity, high gloss, and a very low extractable
- Especially designed for metallizing cast film
- Contain anti-blocking additive

Applications

- Metallizing CPP Skin Layer

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	8.0
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	250
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/cm ²	10000
Rockwell Hardness	ASTM D785	R	85
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	10.0
Thermal Properties			
Melting Temperature	LC Method	°C	148
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	74
Film Properties			
Haze	ASTM D1003	%	<3.0
Coefficient of Friction	ASTM D1894		<0.8
Heat Seal Temperature	LC Method	°C	132

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