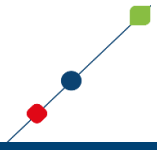
DATASHEET

ASTM Property



LOTTE CHEMICAL

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℃, 2.16kg)	ASTM D1238	g/10min	8.0
Density	ASTM D792	g/㎤	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	250
Tensile Strain (Break)	ASTM D638	%	>500
Flexural Modulus	ASTM D790	kgf/㎠	10000
Rockwell Hardness	ASTM D785	R	85
Impact Properties			
Izod Impact Strength (notched, 23℃)	ASTM D256	kgf·㎝/㎝	10.0
Thermal Properties			
Melting Temperature	LC Method	℃	148
Heat Deflection Temperature (4.6kgf/㎠)	ASTM D648	℃	74
Film Properties			
Haze	ASTM D1003	%	<3.0
Coefficient of Friction	ASTM D1894		<0.8
Heat Seal Temperature	LC Method	℃	132

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