DATASHEET

ASTM Property

Grade	FC-150B
Product	Polypropylene, Homopolymer

General Information	
Key Features	- Suitable for metalized CPP film products - High crystallinity, Low volatile and extractable compounds - Excellent transparency, thermal resistance, glossiness and processibility
Applications	- CPP Film for metallizing (snack or food packaging) - High heat resistance CPP film

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/㎠	360
Tensile Strain (Break)	ASTM D638	%	>100
Flexural Modulus	ASTM D790	kgf/㎠	17,500
Rockwell Hardness	ASTM D785	R	107
Impact Properties			
Izod Impact Strength (notched, 23℃)	ASTM D256	kgf·㎝/㎝	2.5
Thermal Properties			
Melting Temperature	LC Method	℃	165
Heat Deflection Temperature (4.6kgf/㎠)	ASTM D648	℃	115
Film Properties			
Haze	ASTM D1003	%	<3.0
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

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