

DATASHEET

ASTM Property



Grade	SB-740D
Product	Polypropylene, Random Terpolymer

General Information

- Key Features**
- Medical application (Blow)
 - Excellent Clarity
 - USP Class VI, FDA DMF, ISO 10993

- Applications**
- Medical film, Medical port/cap, IV solution bag

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	5.5
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	220
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/cm ²	7,500
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	10
Thermal Properties			
Melting Temperature	LC Method	°C	130
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	70
Film Properties			
Haze	ASTM D1003	%	<2.0
Coefficient of Friction	ASTM D1894		<0.8
Heat Seal Temperature	LC Method	°C	120

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