

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
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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	7,400

Impact Properties

Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	10
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Thermal Properties

Melting Temperature	LC Method	°C	130
VICAT Softening Temperature	ASTM D1525	°C	116

Film Properties

Haze	ASTM D1003	%	<1.5
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 40 μm mono-layer CPP film made of LOTTE CHEMICAL's cast film grade
3. ISO 9001, 14001, /TS 16949

* The last update date : 2024/11/06