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℃, 2.16kg)	ASTM D1238	g/10min	5.5
Density	ASTM D792	g/㎤	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	220
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/㎠	7,400
Impact Properties			
Izod Impact Strength (notched, 23℃)	ASTM D256	kgf·㎝/㎝	10
Thermal Properties			
Melting Temperature	LC Method	℃	130
VICAT Softening Temperature	ASTM D1525	℃	116
Film Properties			
Haze	ASTM D1003	%	<1.5
Coefficient of Friction	ASTM D1894	-	<0.8
Heat Seal Temperature	LC Method	℃	120

1. Physical Properties : these are not to be construed as specifications
2. Measured on 40 ㎛ 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

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