

## RANPELEN SB-740D

## PP RANDOM TERPOLYMER

### General Information

#### Description

RANPELEN SB-740D is a random terpolymer polypropylene.

SB-740D is usually used by film for medical IV bag application. And It can be processed by Injection molding equipment.

SB-740D offers good transparency and fulfills the requirements of major pharmacopeia USP.

#### Applications

- ◆ Medical port, cap of IV solution bag
- ◆ Package for beverage & cosmetics

### Physical Properties<sup>1</sup>

Physical	대표 값	단위	측정 법
Melt Flow Index	5.5	g/10min	ASTM D1238
Density	0.90	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength (at Yield)	220	kgf/cm <sup>2</sup>	ASTM D638
Elongation (at Break)	>500	%	ASTM D638
Flexural Modulus	7,600	kgf/cm <sup>2</sup>	ASTM D790
Rockwell Hardness	82	R	ASTM D785
<b>Impact</b>			
Izod Impact(23℃)	10	kgf-cm/cm	ASTM D256
<b>Thermal</b>			
Melting Temperature	130	℃	LOTTE'S
VICAT Softening Temperature	115	℃	ASTM D648
<b>Additional Properties</b>			
HAZE(2mm)	65	%	ASTM D746

#### NOTE

ISO 9001, 14001, /TS 16949

<sup>1</sup> Physical Properties : these are not to be construed as specifications