

<b>Grade</b>	SB-520Y
<b>Product</b>	Polypropylene, Random Copolymer

### General Information

#### Key Features

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

#### Applications

- Medical bottle, IV solution bottle

Item	Measuring Method	Unit	Value
<b>Physical Properties</b>			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	2.4
Density	ASTM D792	g/cm <sup>3</sup>	0.9
<b>Mechanical Properties</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	300
Tensile Strain (Break)	ASTM D638	%	≥400
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	11,000
<b>Impact Properties</b>			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	6
<b>Thermal Properties</b>			
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	°C	95
<b>Additional Properties</b>			
Haze (1mmT)	ASTM D1003	%	30

1. Physical Properties : these are not to be construed as specifications

2. ISO 9001, 14001, /TS 16949

\* The last update date : 2022/09/21