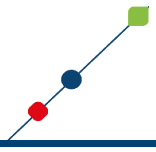
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	SB-550Y
Product	Polypropylene, Random Copolymer

General Information

Key Features	- Medical application (Blow) - Excellent Clarity - USP Class VI, FDA DMF
Applications	- Medical bottle, IV solution bottle

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230℃, 2.16kg)	ASTM D1238	g/10min	8.0
Density	ASTM D792	g/㎤	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	290
Tensile Strain (Break)	ASTM D638	%	≥400
Flexural Modulus	ASTM D790	kgf/㎠	10,500
Impact Properties			
Izod Impact Strength (notched, 23℃)	ASTM D256	kgf·㎝/㎝	5
Thermal Properties			
Heat Deflection Temperature (4.6kgf/㎠)	ASTM D648	℃	90
Additional Properties			
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