DATASHEET

ASTM Property

LOTTE CHEMICAL

Grade	SB-550A
Product	Polypropylene, Random Terpolymer

General Information	
Key Features	- Good Transparency and Gloss
Applications	- Cosmetic and Detergent bottle - Transparent disposable food container - Injection (stretch) blow molding - Injection moding products

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/㎠	250
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/㎠	8,500
Impact Properties			
Izod Impact Strength (notched, 23℃)	ASTM D256	kgf·㎝/㎝	15
Thermal Properties			
Heat Deflection Temperature (4.6kgf/㎠)	ASTM D648	℃	70
Additional Properties			
Haze (2mmT)	ASTM D1003	%	20

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2024/03/19