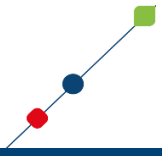
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	B-311
Product	Polypropylene, Impact Copolymer

General Information	
Key Features	- Good stiffness and Impact resistance
Applications	- Vacuum forming use (food packaging tray) - Plastic corrugated boards - Blow molding goods

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230℃, 2.16kg)	ASTM D1238	g/10min	0.5
Density	ASTM D792	g/㎤	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	320
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/㎠	14,500
Impact Properties			
Izod Impact Strength (notched, 23℃)	ASTM D256	kgf·㎝/㎝	NB
Izod Impact Strength (notched, -10℃)	ASTM D256	kgf·㎝/㎝	4.5
Thermal Properties			
Heat Deflection Temperature (4.6kgf/㎠)	ASTM D648	℃	120

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

* The last update date : 2022/09/21