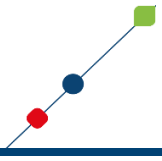
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	B-120
Product	Polypropylene, Homopolymer

General Information	
Key Features	- Excellent strength and Heat resistance - Transparency
Applications	- Flat sheet use (stationery files, binders, fancy goods etc.) - Vacuum forming use (food packaging/industrial tray) - Transparent disposable cups (Thermoforming)

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230℃, 2.16kg)	ASTM D1238	g/10min	1.0
Density	ASTM D792	g/㎤	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	390
Tensile Strain (Break)	ASTM D638	%	<100
Flexural Modulus	ASTM D790	kgf/㎠	20,000
Impact Properties			
Izod Impact Strength (notched, 23℃)	ASTM D256	kgf·㎝/㎝	5.0
Thermal Properties			
Heat Deflection Temperature (4.6kgf/㎠)	ASTM D648	℃	130

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

* The last update date : 2022/09/21