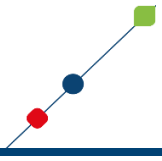
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	JI-320
Product	Polypropylene, Impact Copolymer

General Information	
Key Features	- Good the Balance of Stiffness and Impact resistance - Heat resistance
Applications	- Industrial/Household goods - Home appliances and electronics - Automotive parts

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230℃, 2.16kg)	ASTM D1238	g/10min	1.8
Density	ASTM D792	g/㎤	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	290
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/㎠	12,000
Impact Properties			
Izod Impact Strength (notched, 23℃)	ASTM D256	kgf·㎝/㎝	11
Izod Impact Strength (notched, -10℃)	ASTM D256	kgf·㎝/㎝	3.5
Thermal Properties			
Heat Deflection Temperature (4.6kgf/㎠)	ASTM D648	℃	105
Additional Properties			
Flammability	UL94		HB

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

* The last update date : 2022/09/21