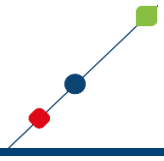
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	TI-650
Product	Polypropylene, Random Copolymer

General Information	
Key Features	- Good Transparency and Impact resistance - Phthalate free - Injection molding applications
Applications	- Transparent disposable Food Container and Cups - Household goods & Cosmetics container

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230℃, 2.16kg)	ASTM D1238	g/10min	10
Density	ASTM D792	g/㎤	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	270
Tensile Strain (Break)	ASTM D638	%	>100
Flexural Modulus	ASTM D790	kgf/㎠	9,700
Impact Properties			
Izod Impact Strength (notched, 23℃)	ASTM D256	kgf·㎝/㎝	14
DUPONT Impact Strength (23℃)	ASTM D2794	kgf·㎝	>100
Thermal Properties			
Heat Deflection Temperature (4.6kgf/㎠)	ASTM D648	℃	85
Additional Properties			
Haze (1mmT)	ASTM D1003	%	7

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

* The last update date : 2022/09/21