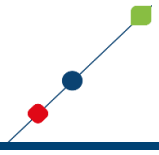
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	L-870H
Product	Polypropylene, Random Terpolymer

General Information	
Key Features	- Extrusion coating application (BOPP film) - High speed processability, Low neck-in - Low Heat seal temperature and good bonding strength
Applications	- Noodle, snack packaging

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230℃, 2.16kg)	ASTM D1238	g/10min	29.0
Density	ASTM D792	g/㎤	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	200
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/㎠	7,500
Rockwell Hardness	ASTM D785	R	80
Impact Properties			
Izod Impact Strength (notched, 23℃)	ASTM D256	kgf·㎝/㎝	5.0
Thermal Properties			
Melting Temperature	LC Method	℃	132
VICAT Softening Temperature	ASTM D1525	℃	112
Heat Deflection Temperature (4.6kgf/㎠)	ASTM D648	℃	77

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

* The last update date : 2023/06/01