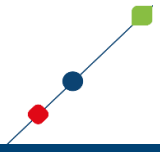
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	FC-340R
Product	Polypropylene, Impact Copolymer

General Information

Key Features	- Low fish-eye level, high strength and impact resistance - excellent heat-sealing strength, transparency and thermal resistance - Suitable for high-retort products and high temperature sterilization
Applications	- CPP Film for retort packaging and pouch

Item	Measuring Method	Unit	Value
Physical Properties			
Melt Flow Index (230℃, 2.16kg)	ASTM D1238	g/10min	5.0
Density	ASTM D792	g/㎤	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/㎠	280
Tensile Strain (Break)	ASTM D638	%	>100
Flexural Modulus	ASTM D790	kgf/㎠	13,000
Impact Properties			
Izod Impact Strength (notched, 23℃)	ASTM D256	kgf·㎝/㎝	9.0
Izod Impact Strength (notched, -10℃)	ASTM D256	kgf·㎝/㎝	3.5
Thermal Properties			
Melting Temperature	LC Method	℃	164
Heat Deflection Temperature (4.6kgf/㎠)	ASTM D648	℃	105

1. Physical Properties : these are not to be construed as specifications
2. Measured on 30㎛ mono-layer CPP film made of LOTTE CHEMICAL's cast film grade
3. ISO 9001, 14001, /TS 16949

* The last update date : 2022/09/21