

DATASHEET

ASTM Property



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°C, 2.16kg)	ASTM D1238	g/10min	5.0
Density	ASTM D792	g/cm ³	0.9
Mechanical Properties			
Tensile Stress (Yield)	ASTM D638	kgf/cm ²	280
Tensile Strain (Break)	ASTM D638	%	>100
Flexural Modulus	ASTM D790	kgf/cm ²	13,000
Impact Properties			
Izod Impact Strength (notched, 23°C)	ASTM D256	kgf·cm/cm	9.0
Izod Impact Strength (notched, -10°C)	ASTM D256	kgf·cm/cm	3.5
Thermal Properties			
Melting Temperature	LC Method	°C	164
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	°C	105

1. Physical Properties : these are not to be construed as specifications
2. Measured on 30μm 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