LF311

Low-density polyethylene (LDPE)

General Information

LF311 is an Low-density polyethylene resin produced in the tubular process, Designed for film, foamed and has excellent processability, excellent optical properties, and mechanical properties

Key Features

- Excellent processability and mechanical properties
- Excellent optical properties
- Low Fish Eye
- No slip agent and antiblock agent

Applications

- General Blown film, Shrink film

Properties

	Item		Measuring Method	Value	Unit
Physical	Melt Flow Index (190℃, 2.16kg)		ASTM D1238	0.8	g/10min
	Density		ASTM D1505	0.921	g/cm^3
Film (50㎛)	Tensile Strength (Break)	MD	ASTM D882	270	kgf/cm^2
		TD		240	kgf/cm^2
	Elongation (Break)	MD	ASTM D882	300	%
		TD		600	%
	Dart Impact Strength		ASTM D1709	100	g
	Haze		ASTM D1003	10	%
Thermal	Melting Point		LC Method	110	℃
	VICAT Softening Point		ASTM D1525	92	℃
Additional	Hardness	Shore A	ASTM D2240	96	A Scale
		Shore D		44	D Scale

• NOTE : Physical Properties : these are not to be construed as specifications

• Process Condition : Temperature : 170℃, BUR : 2.5, Film Thickness 50㎛

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