LF410

Low-density polyethylene (LDPE)

General Information

LF410 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
- Contains a low amount of slip agent and antiblock agent

Applications

- General Blown film, Foamed

Properties

	Item		Measuring Method	Value	Unit
Physical	Melt Flow Index (190℃, 2.16kg)		ASTM D1238	2.0	g/10min
	Density		ASTM D1505	0.922	g/cm^3
Film (50㎛)	Tensile Strength (Break)	MD	ASTM D882	250	kgf/cm^2
		TD		210	kgf/cm^2
	Elongation (Break)	MD	ASTM D882	250	%
		TD		600	%
	Dart Drop Impact Strength, F50		ASTM D1709	90	g
	Haze		ASTM D1003	< 8	%
Thermal	Melting Point		LC Method	110	℃
	VICAT Softening Point		ASTM D1525	93	℃

• 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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