

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°C, 2.16kg)	ASTM D1238	0.8	g/10min
	Density	ASTM D1505	0.921	g/cm ³
Film (50μm)	Tensile Strength (Break)	MD	270	kgf/cm ²
		TD	240	kgf/cm ²
	Elongation (Break)	MD	300	%
		TD	600	%
	Dart Impact Strength	ASTM D1709	100	g
	Haze	ASTM D1003	10	%
Thermal	Melting Point	LC Method	110	°C
	VICAT Softening Point	ASTM D1525	92	°C
Additional	Hardness	Shore A	96	A Scale
		Shore D	44	D Scale

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

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



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