

DATASHEET

ASTM Property



Grade	UF613
Product	LLDPE

General Information

Key Features

- For blown film, Melt blend product of LDPE and LLDPE
- Good mechanical properties, Excellent optical properties, Good processability
- Including slip agent , anti-blocking agent, Processing Aids and UV Stabilizer

Applications

Agricultural Mulching film

Item	Measuring Method	Unit	Value
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Physical

Melt Flow Index	ASTM D1238	g/10min	1.1
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Density	ASTM D1505	g/cm ³	0.921
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Blown Film Properties (40 μm)

Ultimate Tensile Strength	MD	ASTM D882	kgf/cm ²	500
	TD			460

Ultimate Elongation	MD	ASTM D882	%	780
	TD			800

Elmendorf Tear Strength	MD	ASTM D1922	g/μm	7.5
	TD			12.0

Dart Impact Strength	ASTM D1709	g	300
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Haze	ASTM D1003	%	10
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Gross (45°)	ASTM D2457	%	78
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· Processing Condition : Φ50mm LLDPE Blown Film Extruder

Temperature 180°C, Die Gap 2.2mm, BUR 2.1, FLH 32cm

1. Physical Properties : these are not to be construed as specifications

2. ISO 9001, 14001

* The last update date : 2026/06/01