

DATASHEET

ASTM Property



Grade	UF414
Product	LLDPE

General Information

Key Features	- For blown film - Good mechanical properties, Excellent optical properties, Good processability - Including slip agent and anti-blocking agent
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Applications	General purpose film
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Item	Measuring Method	Unit	Value
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Physical

Melt Flow Index	ASTM D1238	g/10min	2.0
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Density	ASTM D1505	g/cm ³	0.920
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Blown Film Properties (40 µm)

Ultimate Tensile Strength	MD	ASTM D882	kgf/cm ²	400
	TD			350

Ultimate Elongation	MD	ASTM D882	%	780
	TD			800

Elmendorf Tear Strength	MD	ASTM D1922	g/µm	5
	TD			9

Dart Impact Strength	ASTM D1709	g	140
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Haze	ASTM D1003	%	12
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Gross (45°)	ASTM D2457	%	72
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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, /TS 16949

* The last update date : 2021/10/01