

DATASHEET

ASTM Property



Grade	UF313
Product	LLDPE

General Information

Key Features	- For blown film - Good mechanical properties, Good processability - Including UV stabilizer, slip agent, anti-blocking agent and processing aid
Applications	Agricultural mulching Film, General purpose film, Artificial turf

Item	Measuring Method	Unit	Value
------	------------------	------	-------

Physical

Melt Flow Index	ASTM D1238	g/10min	1.1
-----------------	------------	---------	-----

Density	ASTM D1505	g/cm ³	0.921
---------	------------	-------------------	-------

Blown Film Properties (40 µm)

Ultimate Tensile Strength	MD	ASTM D882	kgf/cm ²	440
	TD			400

Ultimate Elongation	MD	ASTM D882	%	730
	TD			750

Elmendorf Tear Strength	MD	ASTM D1922	g/µm	5
	TD			10

Dart Impact Strength	ASTM D1709	g	150
----------------------	------------	---	-----

Haze	ASTM D1003	%	11
------	------------	---	----

Gross (45°)	ASTM D2457	%	74
-------------	------------	---	----

· 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