

DATASHEET

ASTM Property



Grade	UF914
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 and anti-blocking agent
--------------	---

Applications	General purpose film
--------------	----------------------

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

Physical

Melt Flow Index	ASTM D1238	g/10min	1.2
-----------------	------------	---------	-----

Density	ASTM D1505	g/cm ³	0.920
---------	------------	-------------------	-------

Blown Film Properties (40 μm)

Ultimate Tensile Strength	MD	ASTM D882	kgf/cm ²	395
	TD			375

Ultimate Elongation	MD	ASTM D882	%	700
	TD			720

Elmendorf Tear Strength	MD	ASTM D1922	g/μm	4.5
	TD			9.0

Dart Impact Strength	ASTM D1709	g	115
----------------------	------------	---	-----

Haze	ASTM D1003	%	7.5
------	------------	---	-----

Gross (45°)	ASTM D2457	%	75
-------------	------------	---	----

· 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