DATASHEET

ASTM Property

LOTTE CHEMICAL

Grade	UL911A
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 aid
Applications	Lamination film

Item		Measuring Method	Unit	Value
Physical				
Melt Flow Index		ASTM D1238	g/10min	1.2
Density		ASTM D1505	g/㎤	0.920
Blown Film Properties (40 ㎛)				
Ultimate Tensile Strength	MD	ASTM D882	kgf/㎠	385
	TD			360
Ultimate Elongation	MD	ASTM D882	%	680
	TD			700
Elmendorf Tear Strength	MD	ASTM D1922	g/㎛	3.5
	TD			8.0
Dart Impact Strength		ASTM D1709	g	100
Haze		ASTM D1003	%	5.5
Gross (45°)		ASTM D2457	%	82

· Processing Condition : Φ50mm LLDPE Blown Film Extruder
Temperature 180℃, 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