DATASHEET

ASTM Property

LOTTE CHEMICAL

Grade	UF317
Product	LLDPE

General Information	
Key Features	- For blown film - 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	1.1
Density		ASTM D1505	g/㎤	0.920
Blown Film Properties (40 ㎛)				
Ultimate Tensile Strength	MD	ASTM D882	kgf/㎠	430
	TD			390
Ultimate Elongation	MD	ASTM D882	%	740
	TD			760
Elmendorf Tear Strength	MD	ASTM D1922	g/㎛	6
	TD			11
Dart Impact Strength		ASTM D1709	g	170
Haze		ASTM D1003	%	16
Gross (45°)		ASTM D2457	%	70

· 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