

DATASHEET

ASTM Property



Grade	UN414
Product	LLDPE

General Information

Key Features - Good mechanical properties, Good processability

Applications General purpose film

Item	Measuring Method	Unit	Value
Physical			
Melt Flow Index	ASTM D1238	g/10min	2.0
Density	ASTM D1505	g/cm ³	0.920
Blown Film Properties (40 µm)			
Ultimate Tensile Strength	MD	kgf/cm ²	400
	TD		350
Ultimate Elongation	MD	%	780
	TD		800
Elmendorf Tear Strength	MD	g/µm	5
	TD		9
Dart Impact Strength	ASTM D1709	g	140
Haze	ASTM D1003	%	12
Gross (45°)	ASTM D2457	%	72

· 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