

## UL912A

## LINEAR LOW DENSITY POLYETHYLENE

### General Information

#### Description

- ◆ UL912A is manufactured by Unipol process technology.
- ◆ UL912A is a melt blend grade of LDPE and LLDPE designed for blown film applications.
- ◆ UL912A has good mechanical properties, excellent optical properties and good processability.

#### Additives

- ◆ Antioxidant, Slip Agent, Anti-blocking Agent

#### Applications

- ◆ General Purpose Blown Film

### Physical Properties<sup>1</sup>

General Properties	Test Method	Nominal Values				
Melt Flow Index	ASTM D1238	1.2	g/10min			
Density	ASTM D792	0.920	g/cm <sup>3</sup>			
<b>Blown Film Properties(40μm)</b>						
Ultimate Tensile Strength	MD	ASTM D882	385	kgf/cm <sup>2</sup>	37.8	MPa
	TD		360		35.3	
Ultimate Elongation	MD	ASTM D882	680	%		
	TD		700			
Elmendorf Tear Strength	MD	ASTM D1922	3.5	g/μm	140	g
	TD		8.0		320	
Dart Impact Strength	ASTM D1709	100	g			
Haze	ASTM D1003	6	%			
Gloss (45°)	ASTM D2457	80	%			

\* Processing Condition : Φ50mm LLDPE Blown Film Extruder  
 Temperature : 180℃, Die Gap 2.2mm, BUR 2.1, FLH 32cm

### Note

ISO 9001, 14001, ITS 16949

<sup>1</sup> Physical Properties : these are not to be construed as specifications

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