

UL913A

LINEAR LOW DENSITY POLYETHYLENE

General Information

Description

- ◆ UL913A is manufactured by Unipol process technology.
- ◆ UL913A is a melt blend grade of LDPE and LLDPE designed for blown film applications.
- ◆ UL913A has good mechanical properties, excellent optical properties and good processability.

Additives

- ◆ Antioxidant, Slip Agent, Anti-blocking Agent

Applications

- ◆ Lamination Film

Physical Properties¹

General Properties	Test Method	Nominal Values				
Melt Flow Index	ASTM D1238	1.5	g/10min			
Density	ASTM D792	0.920	g/cm ³			
Blown Film Properties(40μm)						
Ultimate Tensile Strength	MD	ASTM D882	375	kgf/cm ²	36.8	MPa
	TD		350		34.3	
Ultimate Elongation	MD	ASTM D882	710	%		
	TD		730			
Elmendorf Tear Strength	MD	ASTM D1922	3.7	g/ μ m	148	g
	TD		7.8		312	
Dart Impact Strength	ASTM D1709	105	g			
Haze	ASTM D1003	6	%			
Gloss (45°)	ASTM D2457	80	%			

* Processing Condition : Φ 50mm LLDPE Blown Film Extruder
 Temperature : 180°C, Die Gap 2.2mm, BUR 2.1, FLH 32cm

Note

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications