

UF925

LINEAR LOW DENSITY POLYETHYLENE

General Information

Description

- ◆ UF925 is manufactured by Unipol process technology.
- ◆ UF925 is a melt blend grade of LDPE and LLDPE designed for blown film applications.
- ◆ UF925 has good mechanical properties, excellent optical properties and good processability.

Additives

- ◆ Antioxidant, Slip Agent, Anti-blocking Agent

Applications

- ◆ General Purpose Film

Physical Properties¹

General Properties	Test Method	Nominal Values				
Melt Flow Index	ASTM D1238	1.1	g/10min			
Density	ASTM D792	0.924	g/cm ³			
Blown Film Properties(40μm)						
Ultimate Tensile Strength	MD	ASTM D882	380	kgf/cm ²	37.2	MPa
	TD		360		35.3	
Ultimate Elongation	MD	ASTM D882	680	%		
	TD		710			
Elmendorf Tear Strength	MD	ASTM D1922	3.8	g/μm	152	g
	TD		8.5		340	
Dart Impact Strength	ASTM D1709	100	g			
Haze	ASTM D1003	7.3	%			
Gloss (45°)	ASTM D2457	75	%			

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

Note

ISO 9001, 14001, /ITS 16949

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

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