

UF927

LINEAR LOW DENSITY POLYETHYLENE

General Information

Description

- ◆ UF927 is manufactured by Unipol process technology.
- ◆ UF927 is a melt blend grade of LDPE and LLDPE designed for blown film applications.
- ◆ UF927 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	380	kgf/cm ²
	TD	360	
Ultimate Elongation	MD	680	%
	TD	710	
Elmendorf Tear Strength	MD	3.8	g/μm
	TD	8.5	
Dart Impact Strength	ASTM D1709	100	g
Haze	ASTM D1003	7.7	%
Gloss (45°)	ASTM D2457	68	%

* 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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