

LOTTE CHEMICAL

UF315

LINEAR LOW DENSITY POLYETHYLENE

General Information

Description

- ◆ UF315 is manufactured by Unipol process technology.
- ◆ UF315 has good mechanical properties, excellent optical properties and good processability.

Additives

- ◆ Antioxidant, Slip Agent, Anti-blocking Agent

Applications

- ◆ General Blown Film

Physical Properties¹

General Properties	Test Method	Nominal Values	
Melt Flow Index	ASTM D1238	1.1	g/10min
Density	ASTM D792	0.920	g/cm ³
Blown Film Properties(40µm)			
Ultimate Tensile Strength	MD	430	kgf/cm ²
	TD	390	
Ultimate Elongation	MD	740	%
	TD	760	
Elmendorf Tear Strength	MD	6.0	g/µm
	TD	11.0	
Dart Impact Strength	ASTM D1709	170	g
Haze	ASTM D1003	12	%
Gloss (45°)	ASTM D2457	72	%

* Processing Condition : Φ50mm LLDPE Blown Film Extruder
Temperature : 180°C , 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

www.lottechem.com