

SEETEC LLDPE UF313

Linear Low Density Polyethylene

Lotte Chemical Corporation

Message:

UF313 is manufactured by Unipol process technology.
UF313 has good mechanical properties, excellent optical properties and good processability.

General Information			
Additive	Antioxidant		
	Slip		
	UV Stabilizer		
Features	Antioxidant		
	Good Processability		
	Opticals		
	Slip		
Uses	Agricultural Applications		
	Film		

Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.1	g/10 min	ASTM D1238

Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	40	μm	ASTM D882
Tensile Strength			
MD : Break, 40 μm,Blown Film	43.1	MPa	
TD : Break, 40 μm,Blown Film	39.2	MPa	ASTM D882
Tensile Elongation			
MD : Break, 40 μm,Blown Film	730	%	
TD : Break, 40 μm,Blown Film	750	%	
Dart Drop Impact (40 μm, Blown Film)	150	g	ASTM D1709
Elmendorf Tear Strength ¹			ASTM D1922
MD : 40.0 μm	49.0	kN/m	
TD : 40.0 μm	98.1	kN/m	

Optical	Nominal Value	Unit	Test Method
Gloss (45°, 40.0 μm, Blown Film)	74		ASTM D2457
Haze (40.0 μm, Blown Film)	11	%	ASTM D1003

NOTE			
1.	Blown Film		

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