

# SEETEC LLDPE UN315

Linear Low Density Polyethylene

Lotte Chemical Corporation

Message:

UN315 is manufactured by Unipol process technology.  
UN315 has good mechanical properties, good Transparency and good processability.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Processability		
	High Clarity		
Uses	Film		
	General Purpose		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm <sup>3</sup>	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	42.2	MPa	
TD : Break, 40 μm,Blown Film	38.2	MPa	ASTM D882
Tensile Elongation			
MD : Break, 40 μm,Blown Film	740	%	
TD : Break, 40 μm,Blown Film	760	%	ASTM D1709
Dart Drop Impact (40 μm, Blown Film)	170	g	
Elmendorf Tear Strength <sup>1</sup>			
MD : 40.0 μm	58.8	kN/m	ASTM D1922
TD : 40.0 μm	107.9	kN/m	
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 40.0 μm, Blown Film)	75		ASTM D2457
Haze (40.0 μm, Blown Film)	10	%	ASTM D1003
NOTE			
1.	Blown Film		

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