

SEETEC LLDPE UL312

Linear Low Density Polyethylene
Lotte Chemical Corporation

Message:

UL312 is manufactured by Unipol process technology.
UL312 has good mechanical properties, gel free and good processability.

General Information			
Additive	Antiblock		
	Antioxidant		
	Slip		
Features	Antiblocking		
	Antioxidant		
	Good Processability		
	Low Gel		
	Slip		
Uses	Film		
	Laminates		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Density	0.920	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	41.2	MPa	
TD : Break, 40 µm,Blown Film	37.3	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 ¹			
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)	73		ASTM D2457
Haze (40.0 µm, Blown Film)	11	%	ASTM D1003

NOTE

1. Blown Film

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