

SEETEC LLDPE UF414

Linear Low Density Polyethylene
Lotte Chemical Corporation

Message:

UF414 is manufactured by Unipol process technology.
UF414 has good mechanical properties and good processability.

General Information			
Additive	Antiblock		
	Antioxidant		
	Slip		
Features	Antiblocking		
	Antioxidant		
	Good Processability		
	Slip		
Uses	Film		
RoHS Compliance	RoHS Compliant		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	0.920	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	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	39.2	MPa	
TD : Break, 40 μm,Blown Film	34.3	MPa	ASTM D882
Tensile Elongation			
MD : Break, 40 μm,Blown Film	780	%	
TD : Break, 40 μm,Blown Film	800	%	ASTM D1709
Dart Drop Impact (40 μm, Blown Film)	140	g	
Elmendorf Tear Strength ¹			
MD : 40.0 μm	49.0	kN/m	ASTM D1922
TD : 40.0 μm	88.3	kN/m	
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 40.0 μm, Blown Film)	72		ASTM D2457
Haze (40.0 μm, Blown Film)	12	%	ASTM D1003
NOTE			
1.	Blown Film		

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