

SEETEC LLDPE UT404

Linear Low Density Polyethylene
Lotte Chemical Corporation

Message:

UT404 is a butene copolymer produced via Unipol process technology.
UT404 has good mechanical properties, excellent punctual resistance.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Butene Comonomer		
	Puncture Resistant		
Uses	Cast Film		
	Film		
	Packaging		
	Stretch Wrap		
RoHS Compliance	RoHS Compliant		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.8	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	20	µm	ASTM D882
Tensile Strength			
MD : Break, 20 µm,Cast Film	29.4	MPa	
TD : Break, 20 µm,Cast Film	23.5	MPa	ASTM D882
Tensile Elongation			
MD : Break, 20 µm,Cast Film	650	%	
TD : Break, 20 µm,Cast Film	800	%	ASTM D1709
Dart Drop Impact (20 µm, Cast Film)	85	g	
Elmendorf Tear Strength ¹			
MD : 20.0 µm	39.2	kN/m	ASTM D1922
TD : 20.0 µm	98.1	kN/m	
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 20.0 µm, Cast Film)	125		ASTM D2457
Haze (20.0 µm, Cast Film)	1.4	%	ASTM D1003
NOTE			
1.	Cast Film		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

