

UT404

LINEAR LOW DENSITY POLYETHYLENE

General Information

Description

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

Additives

- ◆ Antioxidant

Applications

- ◆ Cast Film, Stretch Film, Packaging Film

Physical Properties¹

General Properties		Test Method	Nominal Values			
Melt Flow Index		ASTM D1238	2.8	g/10min		
Density		ASTM D792	0.919	g/cm³		
Cast Film Properties(20μm)						
Ultimate Tensile Strength	MD	ASTM D882	300	kgf/cm²	29.4	MPa
	TD		240		23.5	
Ultimate Elongation	MD	ASTM D882	650	%		
	TD		800			
Elmendorf Tear Strength	MD	ASTM D1922	4.0	g/μm		
	TD		10.0			
Dart Impact Strength		ASTM D1709	85	g		
Haze		ASTM D1003	1.4	%		
Gloss (45°)		ASTM D2457	125	%		

* Processing Condition : Φ40mm LLDPE Cast Film Extruder
Temperature : 240℃, Take up speed : 15m/min

Note

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications

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