

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/cm ³			
Cast Film Properties(20 μ m)						
Ultimate Tensile Strength	MD	ASTM D882	300	kgf/cm ²	29.4	MPa
	TD		240		23.5	
Ultimate Elongation	MD	ASTM D882	650	%		
	TD		800			
Elmendorf Tear Strength	MD	ASTM D1922	4.0	g/ μ m		
	TD		10.0			
Dart Impact Strength	ASTM D1709	85	g			
Haze	ASTM D1003	1.4	%			
Gloss (45°)	ASTM D2457	125	%			

* Processing Condition : Φ 40mm LLDPE Cast Film Extruder
Temperature : 240°C, Take up speed : 15m/min

Note

ISO 9001, 14001, ITS 16949

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

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