

UT534

LINEAR LOW DENSITY POLYETHYLENE

General Information

Description

- ◆ UT534 is a butene copolymer produced via Unipol process technology.
- ◆ UT534 has good mechanical properties.

Additives

- ◆ Antioxidant

Applications

- ◆ Cast Film

Physical Properties¹

General Properties	Test Method	Nominal Values				
Melt Flow Index	ASTM D1238	3.5	g/10min			
Density	ASTM D792	0.930	g/cm ³			
Cast Film Properties (20 μ m)						
Ultimate Tensile Strength	MD	ASTM D882	350	kgf/cm ²	34.3	MPa
	TD		300		29.4	
Ultimate Elongation	MD	ASTM D882	650	%		
	TD		800			
Elmendorf Tear Strength	MD	ASTM D1922	2.0	g/ μ m	40	g
	TD		5.0		100	
Dart Impact Strength	ASTM D1709	30	g			
Haze	ASTM D1003	3.0	%			

* Processing Condition : Φ 40mm Cast Film Extruder
 Temperature : 240 $^{\circ}$ C, Take up speed : 15m/min

Note

ISO 9001, 14001, /TS 16949

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