

TITANCEED® mL1064

Linear Low Density Polyethylene
Lotte Chemical Titan (M) Sdn. Bhd.

Message:

TITANCEED® mL1064 is a Linear Low Density Polyethylene material. It is available in Asia Pacific for film extrusion.

Important attributes of TITANCEED® mL1064 are:

- Antioxidant
- Hexene Comonomer
- Impact Resistant
- Puncture Resistant
- Typical applications include:
 - Bags/Liners
 - Film
 - Coating Applications
 - Packaging
 - Wrap

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Drawdown		
	Good Impact Resistance		
	Good Strength		
	Hexene Comonomer		
	Puncture Resistant		
Uses	Bags		
	Film		
	Food Packaging		
	Heavy-duty Bags		
	Laminates		
	Multilayer Film		
	Stretch Wrap		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.918	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	ASTM D882
Secant Modulus			
1% Secant, MD : 25 µm, Blown Film	147	MPa	

1% Secant, TD : 25 µm, Blown Film	157	MPa	
Tensile Strength			ASTM D882
MD : Break, 25 µm,Blown Film	53.9	MPa	
TD : Break, 25 µm,Blown Film	34.3	MPa	
Tensile Elongation			ASTM D882
MD : Break, 25 µm,Blown Film	450	%	
TD : Break, 25 µm,Blown Film	500	%	
Dart Drop Impact (25 µm, Blown Film)	580	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 25 µm, Blown Film	330	g	
TD : 25 µm, Blown Film	4000	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 25.0 µm, Blown Film)	40		ASTM D2457
Haze (25.0 µm, Blown Film)	15	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	180 to 200	°C	

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Recommended distributors for this material

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