

TITANCEED® mL216

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

Message:

TITANCEED® mL216 is a Linear Low Density Polyethylene material. It is available in Asia Pacific for film extrusion.
Important attributes of TITANCEED® mL216 are:
Antioxidant
Hexene Comonomer
High Strength
Impact Resistant
Typical applications include:
Additive/Masterbatch
Film

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Good Drawdown		
	Good Impact Resistance		
	Hexene Comonomer		
	High Tensile Strength		
Uses	Blending		
	Film		
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)	2.1	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	ASTM D882
Tensile Strength			
MD : Break, 25 µm, Blown Film	53.9	MPa	
TD : Break, 25 µm, Blown Film	34.3	MPa	ASTM D882
Tensile Elongation			
MD : Break, 25 µm, Blown Film	500	%	
TD : Break, 25 µm, Blown Film	530	%	ASTM D1709
Dart Drop Impact (25 µm, Blown Film)	380	g	

Elmendorf Tear Strength			ASTM D1922
MD : 25 μm, Blown Film	350	g	
TD : 25 μm, Blown Film	450	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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