

Westlake HDPE MC3016

High Density Polyethylene
Westlake Chemical Corporation

Message:

- Application/Uses
- Imaging paper
- Release paper
- Spiral wound can linings
- Grease barrier
- Product Description

Westlake MC3016 is a high density polyethylene designed for extrusion coating and lamination applications. MC3016 provides improved barrier properties, temperature resistance, stress crack resistance, scuff resistance, gloss and coefficient of friction (COF) compared to low polyethylene.

General Information	
Features	Food Contact Acceptable
	Good Crack Resistance
	Low Gloss
	Medium Heat Resistance
	Scratch Resistant
Uses	Coating Applications
	Laminates
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Extrusion Coating
	Laminating

Physical	Nominal Value	Unit	Test Method
Density	0.946	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Yield	24.8	MPa	
Break	22.1	MPa	
Tensile Elongation ² (Break)	20	%	ASTM D638
Flexural Modulus - 2% Secant ³	896	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	114	°C	ASTM D1525

NOTE	
1.	500 mm/min
2.	500 mm/min

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