

Westlake HDPE MC3033

High Density Polyethylene
Westlake Chemical Corporation

Message:

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

Westlake MC3033 is a high density polyethylene designed for extrusion coating and lamination applications. MC3033 provides improved barrier properties, temperature resistance, stress crack resistance, scuff resistance, gloss and coefficient of friction (COF) compared to low density polyethylene.

General Information	
Features	Food Contact Acceptable
	Good Crack Resistance
	High 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	0.947	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 (Break)	24.5	MPa	ASTM D638
Tensile Elongation ² (Break)	14	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -73.0	°C	ASTM D746
Vicat Softening Temperature	117	°C	ASTM D1525

NOTE	
1.	510 mm/min
2.	510 mm/min

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