

# Westlake HDPE MC2001

High Density Polyethylene  
Westlake Chemical Corporation

Message:

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

Westlake MC2001 is a high density polyethylene designed for extrusion coating and lamination applications. MC2001 provides improved barrier properties, temperature resistance, stress crack resistance, scuff resistance, gloss and coefficient of friction (COF) compare 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	0.948	g/cm <sup>3</sup>	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>			ASTM D638
Yield	26.9	MPa	
Break	25.5	MPa	
Tensile Elongation <sup>2</sup> (Break)	10	%	ASTM D638
Flexural Modulus - 2% Secant <sup>3</sup>	965	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -72.8	°C	ASTM D746
Vicat Softening Temperature	121	°C	ASTM D1525
NOTE			

1.	Type IV, 500 mm/min
2.	Type IV, 500 mm/min
3.	13 mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

