

## Westlake MC3016 High Density Polyethylene Coating

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE

**Material Notes:**

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 density polyethylene. Application/Uses Imaging paper Release paper Spiral wound can linings Grease barrier FDA: This material complies with FDA regulations in 21 CFR, section 177.1520. All information provided by Westlake Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Westlake-MC3016-High-Density-Polyethylene-Coating.php](http://www.lookpolymers.com/polymer_Westlake-MC3016-High-Density-Polyethylene-Coating.php)

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in <sup>3</sup>	ASTM D4883
Melt Flow	10 g/10 min @Load 2.16 kg, Temperature 190 °C	10 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	22.1 MPa	3210 psi	500mm/min; ASTM D638
Elongation at Break	20 %	20 %	500mm/min; ASTM D638
Flexural Modulus	0.896 GPa	130 ksi	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	114 °C	237 °F	ASTM D1525

Descriptive Properties	Value	Comments
Process	Coating	

## Contact Songhan Plastic Technology Co.,Ltd.

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