

## Westlake EC483 Low Density Polyethylene

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

### Material Notes:

WESTLAKE low-density polyethylene EC483 is recommended for use in the boardstock coating industry. This resin has low neck-in, good heat sealing properties, and good drawdown characteristics. Application/Uses Milk Cartons Liquid Containers Multiwall bag stock Frozen food containers FDA: This material complies with FDA regulations in 21 CFR, section 177.1520. Kosher Compliant. All information provided by Westlake Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Westlake-EC483-Low-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Westlake-EC483-Low-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.923 g/cc	0.0333 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	5.7 g/10 min	5.7 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	11.0 MPa	1600 psi	ASTM D638
Elongation at Break	450 %	450 %	ASTM D638
Tensile Modulus	0.165 GPa	24.0 ksi	ASTM D1709

Processing Properties	Metric	English	Comments
Melt Temperature	302 - 329 °C	575 - 625 °F	

Descriptive Properties	Value	Comments
Process	Coating	

## Contact Songhan Plastic Technology Co.,Ltd.

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