

## Westlake EC812AA Low Density Polyethylene

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

**Material Notes:**

WESTLAKE low-density polyethylene EC812 is a natural low-density material with a 200 melt index. Its high melt index exhibits excellent wettability. This makes it ideal as a backing to carpet to bind the fibers to the carpet. Application/Uses Flexible medical Medical 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-EC812AA-Low-Density-Polyethylene.php](http://www.lookpolymers.com/polymer_Westlake-EC812AA-Low-Density-Polyethylene.php)

Physical Properties	Metric	English	Comments
Density	0.909 g/cc	0.0328 lb/in <sup>3</sup>	ASTM D1505
Melt Flow	200 g/10 min @Load 2.16 kg, Temperature 190 °C	200 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	6.20 MPa	899 psi	500mm/min; ASTM D638 Type IV Specimen
Elongation at Break	100 %	100 %	500mm/min; ASTM D638 Type IV Specimen
2% Secant Modulus	0.103 GPa	14.9 ksi	12.7mm/min; ASTM D790

Processing Properties	Metric	English	Comments
Melt Temperature	149 - 166 °C	300 - 330 °F	

Descriptive Properties	Value	Comments
Process	Coating	

## Contact Songhan Plastic Technology Co.,Ltd.

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