

## Westlake EMAC® Plus SP1305 20% Ethylene-Methyl Acrylate Copolymer

Category : Polymer , Thermoplastic , Ethylene Methyl Acrylate

### Material Notes:

Westlake EMAC® Plus SP1305 is a 20% EMA copolymer designed for blown or cast film, tie-layers, and extrusions where flexibility, compatibility, or low heat seal temperatures are required. SP1305 is compatible with and provides excellent adhesion to polyolefins, polyesters, and other polymers while providing outstanding low temperature performance. The higher melting point of this EMAC® Plus grade offers EMA performance with improved heat resistance. Applications: films, disposable gloves, and wound care. FDA: This material complies with FDA regulations in 21 CFR, section 177.1340. All information provided by Westlake Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Westlake-EMAC-Plus-SP1305-20-Ethylene-Methyl-Acrylate-Copolymer.php](http://www.lookpolymers.com/polymer_Westlake-EMAC-Plus-SP1305-20-Ethylene-Methyl-Acrylate-Copolymer.php)

Physical Properties	Metric	English	Comments
Density	0.942 g/cc	0.0340 lb/in <sup>3</sup>	ASTM D1505
Methyl Acrylate Content	20 %	20 %	
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	37	37	ASTM D2240
Tensile Strength at Break	11.0 MPa	1600 psi	500mm/min; ASTM D638 Type IV Specimen
Elongation at Break	815 %	815 %	500mm/min; ASTM D638 Type IV Specimen

Thermal Properties	Metric	English	Comments
Melting Point	96.0 °C	205 °F	by DSC; ASTM D3418
Vicat Softening Point	50.0 °C	122 °F	ASTM D1525
Brittleness Temperature	<= -73.0 °C	<= -99.4 °F	ASTM D746

Descriptive Properties	Value	Comments
Process	Blown Film	
	Extrusion	
	Film	
Region	US & Canada	Bamberger Polymers Distribution

## **Contact Songhan Plastic Technology Co.,Ltd.**

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