

## Arkema Group Orevac® 9314 Film EVA-MAH Terpolymer

Category : Polymer , Film , Thermoplastic , Ethylene Vinyl Acetate

**Material Notes:**

EVA Terpolymers based Main Application: Blown film coextrusion Information provided by Arkema Group

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Arkema-Group-Orevac-9314-Film-EVA-MAH-Terpolymer.php](http://www.lookpolymers.com/polymer_Arkema-Group-Orevac-9314-Film-EVA-MAH-Terpolymer.php)

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in <sup>3</sup>	ASTM D1505
Vinyl Acetate Content	13 - 14 %	13 - 14 %	
Melt Flow	1.5 - 2.5 g/10 min @Load 2.16 kg, Temperature 190 °C	1.5 - 2.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	33.7	33.7	ISO 868
Tensile Strength at Break	27.7 MPa	4020 psi	50 microns film; ASTM D882
Tensile Strength, Yield	5.30 MPa	769 psi	50 microns film; ASTM D882
Elongation at Break	570 %	570 %	50 microns film; ASTM D882
Modulus of Elasticity	0.0547 GPa	7.93 ksi	ISO R527
Dart Drop Test	365 g	0.805 lb	50 microns film

Thermal Properties	Metric	English	Comments
Melting Point	90.0 °C	194 °F	D.S.C. method
Vicat Softening Point	70.0 °C	158 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	10.2 %	10.2 %	50 micron film; ASTM D1003

## Contact Songhan Plastic Technology Co.,Ltd.

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