

Arkema Group Orevac® 9318 Film EVA-MAH Terpolymer

Category : Polymer , Film , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

EVA Terpolymers based Main Applications: Extrusion coating Thermo-adhesive films Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Orevac-9318-Film-EVA-MAH-Terpolymer.php

Physical Properties	Metric	English	Comments
Density	0.945 g/cc	0.0341 lb/in³	ASTM D1505
Vinyl Acetate Content	17 - 20 %	17 - 20 %	
Melt Flow	6.0 - 8.0 g/10 min @Load 2.16 kg, Temperature 190 °C	6.0 - 8.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	30.5	30.5	ISO 868
Tensile Strength at Break	24.0 MPa	3480 psi	50 microns film; ASTM D882
Tensile Strength, Yield	5.40 MPa	783 psi	50 microns film; ASTM D882
Elongation at Break	695 %	695 %	50 microns film; ASTM D882
Modulus of Elasticity	0.0379 GPa	5.50 ksi	ISO R527
Dart Drop Test	250 g	0.551 lb	50 microns film

Thermal Properties	Metric	English	Comments
Melting Point	85.0 °C	185 °F	D.S.C. method
Vicat Softening Point	60.0 °C	140 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	6.3 %	6.3 %	50 micron film; ASTM D1003

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