

Arkema Group Orevac® 9304 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-9304-Film-EVA-MAH-Terpolymer.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in³	ASTM D1505
Vinyl Acetate Content	23.5 - 26.5 %	23.5 - 26.5 %	
Melt Flow	5.5 - 9.3 g/10 min @Load 2.16 kg, Temperature 190 °C	5.5 - 9.3 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	29.2	29.2	ISO 868
Tensile Strength at Break	25.9 MPa	3760 psi	50 microns film; ASTM D882
Tensile Strength, Yield	4.20 MPa	609 psi	50 microns film; ASTM D882
Elongation at Break	730 %	730 %	50 microns film; ASTM D882
Modulus of Elasticity	0.0264 GPa	3.83 ksi	ISO R527
Dart Drop Test	400 g	0.882 lb	50 microns film

Thermal Properties	Metric	English	Comments
Melting Point	77.0 °C	171 °F	D.S.C. method
Vicat Softening Point	55.0 °C	131 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	4.6 %	4.6 %	50 micron film; ASTM D1003

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