

Arkema Group Orevac® 9309 Film EVA-MAH Terpolymer

Category : Polymer , Film , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Orevac-9309-Film-EVA-MAH-Terpolymer.php

Physical Properties	Metric	English	Comments
Density	0.935 g/cc	0.0338 lb/in³	ASTM D1505
Vinyl Acetate Content	8.0 - 9.5 %	8.0 - 9.5 %	
Melt Flow	3.3 - 4.7 g/10 min @Load 2.16 kg, Temperature 190 °C	3.3 - 4.7 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	38.6	38.6	ISO 868
Tensile Strength at Break	20.6 MPa	2990 psi	50 microns film; ASTM D882
Tensile Strength, Yield	6.50 MPa	943 psi	50 microns film; ASTM D882
Elongation at Break	555 %	555 %	50 microns film; ASTM D882
Modulus of Elasticity	0.0695 GPa	10.1 ksi	ISO R527
Dart Drop Test	355 g	0.783 lb	50 microns film

Thermal Properties	Metric	English	Comments
Melting Point	100 °C	212 °F	D.S.C. method
Vicat Softening Point	77.0 °C	171 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	7.6 %	7.6 %	50 micron film; ASTM D1003

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