

Arkema Group Orevac® 9307 Y Film EVA-MAH Terpolymer

Category : Polymer , Film , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-Orevac-9307-Y-Film-EVA-MAH-Terpolymer.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ASTM D1505
Vinyl Acetate Content	13 - 15 %	13 - 15 %	
Melt Flow	9.5 - 11.5 g/10 min @Load 2.16 kg, Temperature 190 °C	9.5 - 11.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	32.4	32.4	ISO 868
Tensile Strength at Break	17.4 MPa	2520 psi	50 microns film; ASTM D882
Tensile Strength, Yield	4.20 MPa	609 psi	50 microns film; ASTM D882
Elongation at Break	650 %	650 %	50 microns film; ASTM D882
Modulus of Elasticity	0.0443 GPa	6.43 ksi	ISO R527
Dart Drop Test	180 g	0.397 lb	50 microns film

Thermal Properties	Metric	English	Comments
Melting Point	90.0 °C	194 °F	D.S.C. method
Vicat Softening Point	62.0 °C	144 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	5.2 %	5.2 %	50 micron film; ASTM D1003

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