

Arkema Group OREVAC® 9304 EVA Terpolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

OREVAC® is a range of ethylene-vinyl acetate copolymers modified by adjunction of polar groups which, when molten, have excellent adhesive properties to various substrates. They are supplied as free flowing natural coloured granules. Applications include blown film extrusions, thermo-adhesive films, and hot melt adhesives. Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-OREVAC-9304-EVA-Terpolymer.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in ³	ASTM D1505
Vinyl Acetate Content	23.5 - 26.5 %	23.5 - 26.5 %	Arkema
Melt Index of Compound	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 A	82	82	ASTM D2240
Tensile Strength at Break	26.0 MPa	3770 psi	ASTM D638
	26.0 MPa	3770 psi	Film Property, 50 µm thickness; ASTM D882
Tensile Strength, Yield	2.60 MPa	377 psi	ASTM D638
	4.00 MPa	580 psi	Film Property, 50 µm thickness; ASTM D882
Elongation at Break	600 - 900 %	600 - 900 %	ASTM D638
	700 - 900 %	700 - 900 %	Film Property, 50 µm thickness; ASTM D882
Dart Drop Test	400 g	0.882 lb	ASTM D1709

Thermal Properties	Metric	English	Comments
Melting Point	80.0 °C	176 °F	DSC
Vicat Softening Point	49.0 °C	120 °F	ASTM D1525
Ring & Ball Softening Point	153 °C	307 °F	

Optical Properties	Metric	English	Comments
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Optical Properties	Metric	English	Comments
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Descriptive Properties	Value	Comments
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MAH Mini	1600	
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