

Arkema Group OREVAC® 9307 Y 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 skin packaging adhesive and 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-EVA-Terpolymer.php

Physical Properties	Metric	English	Comments
Density	0.939 g/cc	0.0339 lb/in³	ASTM D1505
Vinyl Acetate Content	13 - 15 %	13 - 15 %	Arkema
Melt Index of Compound	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 A	91	91	ASTM D2240
Tensile Strength at Break	19.0 MPa	2760 psi	ASTM D638
	26.0 MPa	3770 psi	Film Property, 50 µm thickness; ASTM D882
Tensile Strength, Yield	4.80 MPa	696 psi	ASTM D638
	5.60 MPa	812 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	180 g	0.397 lb	ASTM D1709

Thermal Properties	Metric	English	Comments
Melting Point	93.0 °C	199 °F	DSC
Vicat Softening Point	66.0 °C	151 °F	ASTM D1525
Ring & Ball Softening Point	145 °C	293 °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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Contact Songhan Plastic Technology Co.,Ltd.

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