

Arkema Group OREVAC® 9314 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, cast film coextrusions, coextrusion tubes, and thermo-adhesive films. Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-OREVAC-9314-EVA-Terpolymer.php

Physical Properties	Metric	English	Comments
Density	0.938 g/cc	0.0339 lb/in ³	ASTM D1505
Vinyl Acetate Content	13 - 15 %	13 - 15 %	Arkema
Melt Index of Compound	1.5 - 2.5 g/10 min @Load 2.16 kg, Temperature 190 °C	1.5 - 2.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	92	92	ASTM D2240
Tensile Strength at Break	23.0 MPa	3340 psi	ASTM D638
	25.0 MPa	3630 psi	Film Property, 50 µm thickness; ASTM D882
Tensile Strength, Yield	4.70 MPa	682 psi	ASTM D638
	5.50 MPa	798 psi	Film Property, 50 µm thickness; ASTM D882
Elongation at Break	500 - 700 %	500 - 700 %	Film Property, 50 µm thickness; ASTM D882
	700 - 900 %	700 - 900 %	ASTM D638
Dart Drop Test	365 g	0.805 lb	ASTM D1709

Thermal Properties	Metric	English	Comments
Melting Point	95.0 °C	203 °F	DSC
Vicat Softening Point	71.0 °C	160 °F	ASTM D1525
Ring & Ball Softening Point	>= 200 °C	>= 392 °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	800	
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Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China