

AMERICOLENE® EVAP8421

Ethylene Vinyl Acetate Copolymer

Applications

- Injection molding
- Compounding
- Foam

Product Description

AMERICOLENE® EVAP8421 is a 18.5% vinyl acetate copolymer designed for injection molding, compounding, foam, and general extrusion applications.

Typical Physical Properties

Property ^a	Test Method ^b	Typical Value, Units ^c
Melt Index (Condition 190°C/2.16 kg)	D 1238	2.5 g/10 min
Density	D 1505	940 kg/m ³ (0.940 g/cm ³)
DSC Melting Point	D 3418	86°C (187°F)
Vicat Softening Point	D 1525	68°C (154°F)
Tensile Strength @ Break	D 638	11.3 MPa (1,745 psi)
Elongation @ Break	D 638	645%
Flexural Modulus, 1% Secant	D 790	48.3 MPa (7,000 psi)
Durometer Hardness, Shore D	D 2240	32

^a Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.

^b Unless noted otherwise, the test method is ASTM.

^c Units are in SI or US customary units.

Notes

The reported properties were measured from compression molded specimens.

Processing

Melt temperatures of 360°F – 390°F are recommended for EM518.

Regulatory Compliance

This product has some 21 CFR clearances. Please contact your Americorp Sales Representative for food contact statements

Any inquiries regarding this data sheet should be addressed to: 11824 Jollyville Rd Austin, TX 78759 · Phone (800) 729 5417 · Fax: (512) 992 0225

The information and recommendation in this publication are, to the best of knowledge, reliable. Suggestions concerning uses are only the opinion of AMERICORP INTERNATIONAL LTD, U.S.A. and users should perform their own tests to determine the suitability of this products for their own particular purposes. However, because of the numerous factors affecting the results, AMERICORP INTERNATIONAL LTD, U.S.A. MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSES, other than that the material conforms to the applicable current standard specifications statement herein, therefor, should not be construed as representations or warranties. The responsibility of AMERICORP INTERNATIONAL LTD, U.S.A. for claims arising out of breach warranty, negligence, and strict liability or otherwise is limited to the purchase price of the material. Statement concerning the use of the products of AmeriCorp described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is assumed