



**POLYCO™ 2160 Polyvinyl Acetate Homopolymer**  
For Paper and Paperboard Coatings

Regional Product Availability

- North America

Description

**Polyvinyl acetate homopolymer for Paper and Paperboard coatings**

Carboxylated Polyvinyl Acetate Homopolymer with excellent mechanical stability and very low grit levels. Medium particle size with good pigment binding ability and excellent water resistance. Minimizes "water interference mottle" in offset printing and offers good ink receptivity, glueability, and brightness with very low odor. POLYCO™ 2160 Polyvinyl Acetate Homopolymer meets new food compliance requirements (listed below).

Typical Properties

These properties are typical but do not constitute specifications

Property	Typical Values
Ionic Nature	Anionic
Solids %:	50
pH as packed:	7.0
Brookfield viscosity, cP:	30
Glass Transition Temperature (Tg °C)	+37
Density, 25 °C, lbs./US gallon	9.0
Specific Gravity	1.08

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POLYCO™ 2160 Polyvinyl Acetate Homopolymer / Dow Coating Materials



FDA STATUS

FDA Regulation	Complies	Limitations	Opinion Date
<p><b>21CFR176.170</b> Components of paper and paperboard in contact with aqueous and fatty foods</p>	<p>Yes; with limitations as noted</p>	<p>Provided that the food contact surface of the paper and paperboard complies with the Extractives Limitations in 21CFR176.170 paragraph (C)</p>	<p>9/21/2012</p>
<p><b>21CFR176.180</b> Components of paper and paperboard in contact with dry food</p>	<p>Yes, with limitations as noted</p>	<p>Must not exceed 49°C (120°F)</p>	<p>9/21/2012</p>

All components used in the manufacturing of POLYCO™ 2160 Emulsion are listed either in BfR-Recommendation XIV-A (Plastics Dispersions) or in BfR-Recommendation XXXVI (Paper and board for food contact). Some components are subject to a restriction. This proprietary information will be supplied upon your request following terms and conditions in agreement with the Company policies. Please contact our Customer Information Group ([CIG@DOW.com](mailto:CIG@DOW.com)) for more details.

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Handling Precautions	Before using this product, consult the Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage.
Storage	Store products in tightly closed original containers at temperatures recommended on the product label.
Disposal Considerations	Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.
	It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Coating Materials Technical Representative for more information.
Product Stewardship	Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.
Customer Notice	Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

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