



RHOPLEX™ B-88 Emulsion
Acrylic Emulsion

Regional Product Availability

- North America

Description

RHOPLEX™ B-88 Emulsion is a very nonionic acrylic firm binder used as an additive to stiffen hand. Unlike other RHOPLEX™ dispersions, RHOPLEX™ B-88 does not form continuous films under normal conditions of application. When blended with softer polymers it helps produce films with improved toughness and improved resistance to blocking while maintaining good water resistance.

Key Features

- Low formaldehyde*
- Nonionic
- Used as an additive to improve toughness and resistance to blocking.
- Good water resistance

*Formaldehyde is not intentionally added to Dow adhesive products. Therefore, to the best of Dow's present knowledge, formaldehyde is not present in the final product composition, unless at trace levels (= ppm), as an unknown impurity from the raw materials.

Typical Physical Properties

(These properties are typical but do not constitute specifications.)

Property	Value
Ionic Nature	Nonionic
Solids %	42.5
pH as packed	8.7
Brookfield Viscosity, cP	30
Glass Transition Temperature (Tg °C)	+91
Density, 25°C lbs./US gallon	9.0

Food Legislation

FDA Regulation	Complies	Limitations
21CFR175.105 (Adhesives)	Yes	
21CFR176.170 (Components of paper and paperboard in contact with aqueous and fatty foods)	Yes, this product is cleared with limitations noted	Provided that the food contact surface of the paper and paperboard complies with the extractives limitations in 21CFR176.170 Paragraph (C).
21CFR176.180 (Components of paper and paperboard in contact with dry food)	Yes	

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- c. use as a critical component in medical devices that support or sustain human life; or
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