



RHOPLEX™ EC-2106

100% Acrylic Polymer

Introduction

RHOPLEX EC-2106 is an all-acrylic polymer designed for use in elastomeric roof coatings. Products made with RHOPLEX EC-2106 exhibit excellent flexibility, superior asphalt bleed resistance, and adhesion to metal, concrete, and various asphalt based materials. This binder, when properly formulated, should produce coatings with dirt pickup resistance that is enhanced beyond the performance of traditional premium all-acrylic binders for roof coatings.

Advantages

As with other Dow all-acrylic polymers designed for use in elastomeric roof coatings, products properly formulated with RHOPLEX EC-2106 typically will:

- Provide a barrier to ultraviolet light, which rapidly degrades the surface of asphaltic materials
- Significantly lower roof temperatures, which can help reduce cooling bills
- Resist dirt accumulation
- Apply by spray, brush, or roller
- Formulate with less than 50 g/l volatile organic compounds (VOC)
- Clean up easily with soap and water

Typical Physical Properties

These properties are typical but should not be considered specifications.

Appearance	Milky white liquid
Solids content, %	55 ± 0.5
pH	9.5 ± 0.3
Brookfield viscosity, cPs	100-400
Glass transition temperature (T _g), °C	-10
Specific gravity	1.05
Storage precautions	Protect from freezing

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CONTACT INFORMATION:

**The Dow Chemical Company
100 Independence Mall West
Philadelphia, PA 19106-2399
United States of America
215-592-3000**

www.dowconstructionchemicals.com

