



Dow Coating Materials



## RHOBARR™ Portfolio | Barrier Coatings For Paper

### Emulsion Polymers

#### Emulsion Barrier Coatings

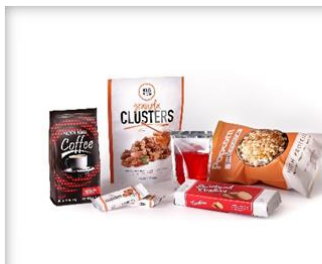


**RHOBARR™ 110 & 135**

- Oil & grease resistance with good flexibility
- Block resistance
- Designed to facilitate recycling and repulping
- PFAS/Fluorocarbon free\*
- Food contact compliant
- Oven/microwave compliant
- Low viscosity, 46-49% solid

**Applications:** Food bowls, sandwich wraps, popcorn bags, formed fiber

\* not intentionally added



**RHOBARR™ 214**

- Oil & grease, fatty acid, mineral oil, solvent and plasticizer resistances
- Heat seal
- Designed to facilitate recycling and repulping
- PFAS/Fluorocarbon free\*
- Food contact compliant
- Oven/microwave compliant
- Low viscosity, 45% solid
- >30% bio-renewable carbon content

**Applications:** Dry goods, confectionary, wraps, detergents, dryer sheet packaging, formed fiber

\*not intentionally added

### BLUEWAVE™ Mechanical Dispersions

#### Aqueous Dispersion Barrier Coatings



**RHOBARR™ 320 & RHOBARR™ 325**

- Excellent water barrier, good water vapor, fatty acid resistance
- Excellent heat sealability
- Performance of extruded films at lower coat weights
- Designed to facilitate recycling and repulping
- Food contact compliant
- PFAS/Fluorocarbon free\*
- Low/no odor
- High solids, higher viscosity

**Applications:** dry, frozen and/or greasy food & non-food  
Board: Ice cream containers, cups, take-out boxes  
Paper: pouches, flow wraps, sachets, etc.  
Formed fiber

\*not intentionally added

Learn more about  
Dow products for  
paper packaging!



**CONNECT**

**Successful coating  
methods for  
dispersions and  
emulsions:**

- Blade
- Rod
- Curtain
- Spray
- Print techniques



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## RHOBARR™ Barrier Coatings Product Comparison Chart

Product	Primary Application	Description	% Solids	Viscosity	Oil and Grease Barrier – Kit	Oil and Grease Barrier – Oil Breakthrough	Hot/Cold Water Barrier	Fatty Acid Barrier	Mineral Oil Barrier	Block Resistance	Heat Sealability
RHOBARR™ 320 Barrier Dispersion	Water barrier	Aqueous dispersion	43%	600 cP	••••	••••	••••	•••	x	••••	yes
RHOBARR™ 325 Barrier Dispersion	Water barrier	Aqueous dispersion	47%	600 cP	••••	••••	••••	•••	x	••••	yes
RHOBARR™ 110 Emulsion	Oil and grease barrier	All-acrylic emulsion	49%	250 cP	••••	•••	•	•	x	•	yes
RHOBARR™ 135 Emulsion	Oil and grease barrier	Styrene-Acrylic emulsion	46%	150 cP	••	••••	•	••	x	•••	no
RHOBARR™ 214 Emulsion	Mineral oil barrier	All-acrylic emulsion	45%	50 cP	••	••	•	••••	•••	••	yes

These properties are typical but do not constitute specifications.

• Minimal performance •••• Strong performance X Not recommended

For more information please consult our web site

[www.dow.com/papercoatings](http://www.dow.com/papercoatings)

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