



Flexipel™ HR-A325

Nonfluorinated Water Repellent

Overview

- Nonfluorinated water repellent developed for use on a broad range of textiles and nonwovens
- Substrates may include polyester, cotton, cotton/polyester blends, nylon, and fiberglass
- Static Water Repellency rating of 3-4 and Water Spray Rating of 80-90
- Heat cure is recommended for the application
- Non-combustible

Applications

- Treatment of textile substrates such as cotton, polyester, cotton/polyester blends, nylon, and fiberglass with heat cure
- Treatment of nonwoven substrates such as polyester, nylon, and fiberglass with heat cure

Technical Information

Flexipel HR-A325 is an anionic, aqueous polymer emulsion which imparts water repellency to fabrics and nonwovens when applied with a heat cure.

Formulary

Flexipel HR-A325 is diluted for use, with a recommended starting point of 4% (as delivered) in water.

Applications of dip/nip or spray are recommended, followed by heat cure.

Typical Properties

PROPERTY	VALUE
Appearance	Off-white Emulsion
Ionic Nature	Anionic
pH	2.5 to 5.0
Water solubility	Dispersible
Solids, %	28.0 to 32.0
Viscosity	100 cps Max.
Density@25°C	0.99 to 1.03 g/ml
Boiling point	est. 100°C
Flash point	Non-combustible
Storage	Protect from freezing
Shelf life	12 months

Packaging and Handling

Flexipel HR-A325 is available in:
275 gallon totes (Net Wt. 2205 lbs)
55 gallon blue TH poly drums (Net Wt. 441 lbs)
5 gallon plastic pails (Net Wt. 40 lbs)

Refer to the Safety Data Sheet (SDS) for information on the safe use, handling, and disposal of this product.

DOT Classification: Non-Regulated

Whether you are looking for a replacement product or an ingredient for a specific attribute, give us a call. We can provide assistance based upon your particular formulation requirements and composition. Please feel free to contact us.

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