



RHOPLEX™ HA-12 Emulsion

Self-Crosslinking Aqueous Emulsion

Regional Product Availability

- Latin America
- North America

Description

RHOPLEX™ HA-12 Emulsion is a self-crosslinking, aqueous acrylic emulsion with heat and alkali resistance which can be used in a wide variety of nonwoven applications.

RHOPLEX HA-12 Emulsion offers good adhesion and very good water resistance. It is characterized by good durability to washing and dry cleaning and excellent wet tensile strength. RHOPLEX HA-12 Emulsion imparts a medium-firm hand and can be blended with other emulsions to achieve intermediate properties. These binders perform well with synthetic fibers, cellulose and blends and can be used on conventional bonding, drying and curing lines.

Typical Applications

RHOPLEX™ HA-12 Emulsion is suitable for use in both durable and disposable hospital and medical nonwoven applications, as well as in personal hygiene products and interlinings.

Key Features

- Heat and alkali resistance
- Excellent wash and dry cleaning durability
- Excellent wet tensile strength
- Medium -firm hand

Typical Physical Properties

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

| Property | Value |
|-----------------------------------|--------------------|
| Appearance | Milky white liquid |
| Total solids | 44.5 - 45.5% |
| Glass Transition Temperature | 19°C |
| Density @ 23°C | 8.8 lb/gal |
| Viscosity (Brookfield 32, 30 rpm) | 100 - 750 cP |
| pH | 2.10 - 4.00 |
| Residue after firing | 0.45% (air) |

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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 | <p>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 in accordance with all local, state (provincial) and federal regulations.</p> <p>It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.</p> |

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Additional Information

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|----------------|------------------|--------------------|----------------|
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