

Unyte® 420

BRAND FAMILY OVERVIEW Unyte® is a versatile family of water-based technologies that help achieve advanced form and function in both woven and nonwoven materials used in the design of technical textiles and pre-preg fabrics. These solutions enhance textile products' performance by improving adhesion, binding, processability, and chemical & heat resistance.

USAGE Designed to promote adhesion between fibers and polymeric matrices helping to improve mechanical properties. This product works across multiple fibers types binding fibers together to provide structure. This product also provides moisture and water repellency.

DESCRIPTION Copolymer dispersion

PERFORMANCE ATTRIBUTES This product is used in many applications including the following:

Market	Properties Imparted
Nonwovens	<i>adhesion</i>

PHYSICAL PROPERTIES The following properties are typical but should not be considered specifications:

Appearance:	Translucent liquid
Solids Type:	Copolymer
Emulsifier Charge:	N/A
Non-Volatile (%) :	24.2 - 25.4
pH:	8.4 - 9.4
Recommended pH of your system:	> 7.0
Brookfield Viscosity (cps) :	50 - 400
Spindle Number:	2
RPM:	60

STORAGE Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

HANDLING Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

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The following information for this product, specific to each site of manufacture, is available upon request:

- Material Safety Data Sheets in various formats and languages (includes global chemical inventory listing)
- Food Contact Declaration of Compliance (if applicable)

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