

**U-Nyte® Set 201  
Toughened Epoxy Binder**

**Description:** Phenoxy toughened epoxy resin compounded with a curing agent, available in powder and flake form

**Attributes**

- High Tg
- Toughness
- Ductility
- Excellent thermal stability
- High cohesive and adhesive properties

**Compatibility**

- Vinyl ester
- Unsaturated polyester
- Epoxy
- Urethane

**Applications**

- Preforms
- Nonwoven glass and carbon fiber mats
- Continuous strand mats
- Functional epoxy-based powder coatings
- Epoxy-based composites
- Adhesives
- Electronics

<b>Typical Properties</b>	
Viscosity* (cP)	1200 - 2000
Non-Volatiles (%)	100
Glass Transition Temperature (°C)	62 - 65
Cured Glass Transition Temperature (°C)	108 - 110
Onset of Cure (°C)	100 - 120
Peak Cure Temperature (°C)	150
WPE	775 - 865
Particle Size (µm)	~ 200
Specific Gravity (g/mL)	1.2

\*ICI cone/plate @ 175 °C

**Technical Support:** Hydrosize® Technologies, Inc. scientists have extensive knowledge and practical experience with binders and sizings, their application to fibers, and their influence on composite properties. Please do not hesitate to request our assistance. The test methods used to determine the reported properties are available upon request.

**Storage:** The product should be stored indoors in tightly closed containers away from heat sources and sunlight. U-Nyte® Set 201 should be stored away from all sources of flame or combustion.

**Safety:** Read and understand the Material Safety Data Sheet before working with this product.

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