

Technical Data Sheet
Hydrosize® PP-2114
Polypropylene Waterborne Dispersion

Description: Functionalized polypropylene dispersion with higher molecular weight polypropylene.

Attributes

- NON-HAPS Emulsion-does NOT contain Hazardous Air Pollutants
- Solvent free
- Alkylphenoethoxylate (APE) free
- Enhanced film formation
- Improved color
- Excellent adhesion with fiber reinforced polypropylene composites

Compatibility

- Polypropylene

Applications

- Fiber reinforcements
- Adhesives
- Coatings
- Textiles

Typical Properties	
Viscosity (cP)	50 - 1000
Non-Volatiles (%)	33 - 37
pH	8.0 – 10.0
Stabilization Mechanism	Anionic / Nonionic
Particle Size (µm)	< 1
Specific Gravity (g/mL)	0.98 – 1.02
Appearance	Milky White Liquid
Flash Point (°C)	N/A

Technical Support: Michelman 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: To ensure maximum stability and properties this dispersion should be stored between 5°C (41°F) and 20°C (68°F). PREVENT FREEZING. The product should be stored indoors in tightly closed containers away from heat sources and sunlight. If frozen, warm to room temperature and mix well before using. All storage areas should conform to local fire and building codes. Hydrosize® PP-2114 should be stored away from all sources of flame or combustion.

Standard Package: Non-returnable, plastic or lined fiberwall drums of 450 lbs. net weight.

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

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Michelman, Inc.	9080 Shell Road Cincinnati, Ohio 45236-1299 USA Tel: +1 513 793 7766 Fax: +1 513 793 2504
Michelman S.A.R.L.	89D Rue Pafebruch, L-8308 Capellen Grand Duché de Luxembourg Tel: +352 26 39 441 Fax: +352 26 39 4480
Michelman Asia-Pacific Pte. Ltd.	2A Tuas Avenue 12 Singapore 639023 Tel: +65 6861 2822 Fax: +65 6861 2262
China Inquiries: Michelman Asia, Inc.	Office 3042, Central Place, No. 16 Henan Road South Shanghai, China 200002 Tel: +86 21 6120 4404 Fax: +86 21 6374 3778

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