

VINNAPAS®

VINNOL®

NONWOVENS AND TECHNICAL TEXTILES | POLYMER DISPERSIONS

THINK AHEAD IN NONWOVENS
AND TECHNICAL TEXTILES



COLLABORATION TODAY AND TOMORROW

At WACKER, we have always seen collaboration and partnership as the keys to success. Sharing knowledge gained from years of producing and improving polymer dispersions and providing support from lab analytics to process optimization have taught us when we work with all of our partners along the way we can shape the future. So let's connect today and tomorrow – we have a lot to offer.

All the Support You Need, Around the Globe

WACKER has regional technical centers around the globe to provide you with technical assistance, R&D, manufacturing advice and local customer service.

Product and Application Expertise

With years of experience producing high-performance vinyl-acetate ethylene (VAE) copolymer dispersions, our local experts are at home in your market, yet they can also draw from WACKER's global network of industry experts with application expertise to support your requirements.

Proven Technical Performance for Your Application

VINNAPAS® and VINNOL® dispersion binders can deliver valuable attributes to enhance the performance of your nonwovens.

360° Support

Technical Expertise

Powerful Products

Content

Binders for Better Nonwovens

Chemistry for Success

Global Partner with Local Support

Focus on Sustainability

WACKER at a Glance

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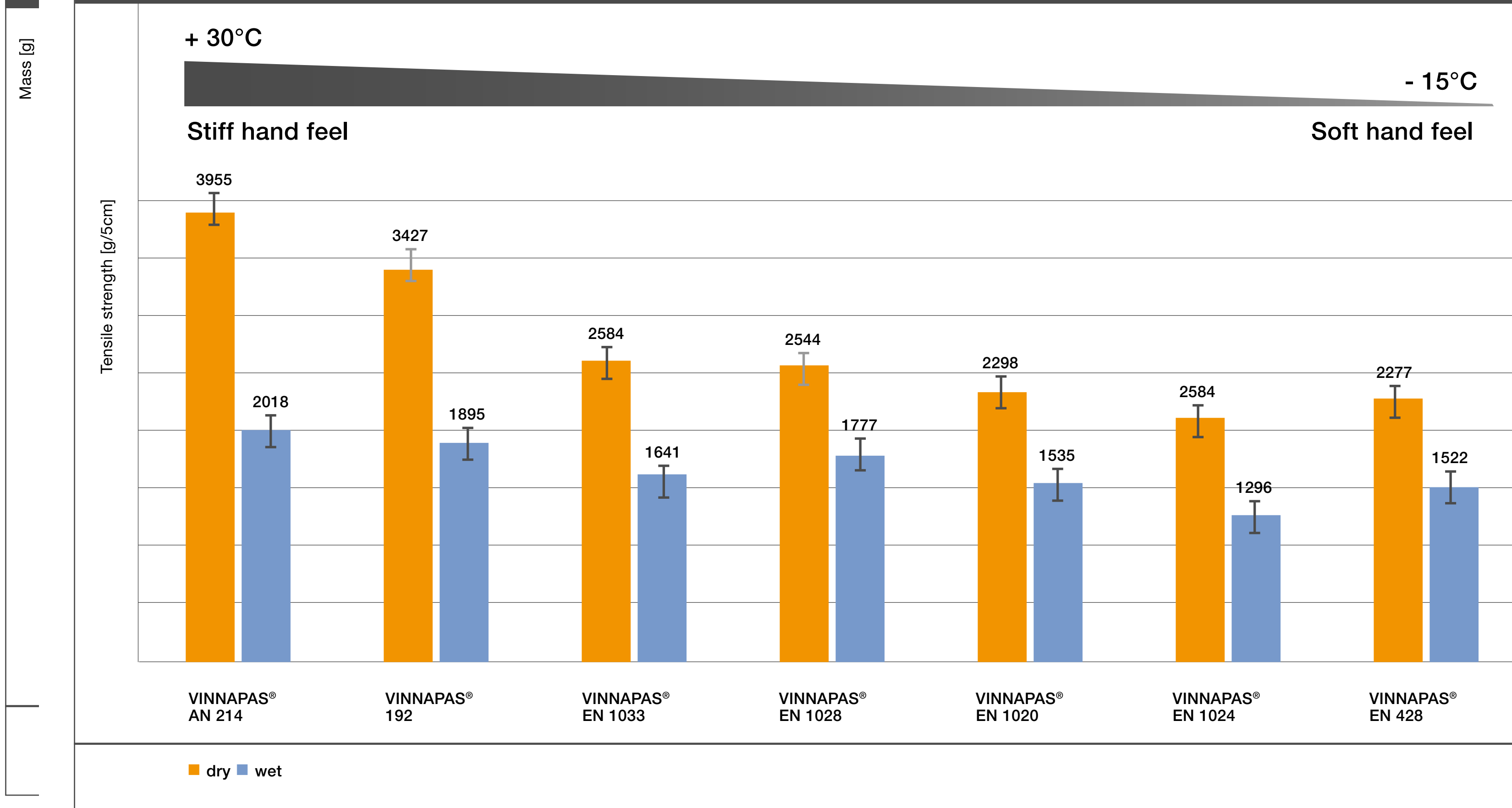
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Ab

Binder Performance in Airlaid: Dry Tensile Strength and Hand Feel Vary by Copolymer Composition (Tg)



WACKER test methods TML 704-705

- Type: MBAL (92% pulp / 8% bico)
- Basis weight: ≈ 94%
- Binder add-on: ≈ 20% by spray
- Drying/curing conditions: 3 min/160 °C



Controlled Absorbency **i**

Wet & Dry Tensile Strength **i**

Variable Hand Feel **i**



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CHEMISTRY FOR SUCCESS

VINNAPAS® and VINNOL® dispersion binders deliver proven performance to meet the requirements of a broad range of nonwoven applications.

Absorbent hygiene

- Panty liners
- Sanitary napkins
- Adult incontinence products

[See animation!](#)

Wipes

- Personal care wipes
- Home care wipes
- Industrial wipes

Tabletop nonwovens

- Nonwoven table linen
- Nonwoven napkins

Medical

Surgical drapes

- Color fastness, printability
- Dry tensile strength
- Dimensional stability
- Abrasion resistance
- Firm hand
- Heat sealable
- Flame retardancy

Home decor

- Vertical blinds
- Wall coverings

Filtration

- Automotive air filters
- Industrial gas filtration
- HVAC filters
- Roofing ventilation



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GLOBAL PARTNER WITH LOCAL SUPPORT

ALLENTOWN

BURGHAUSEN

MUMBAI

SHANGHAI

SEOUL

Benefit from Global Capabilities

Through its network of regional technical centers and sales offices around the world, WACKER is able to offer its customers a local presence, while at the same time delivering the world-class support that our customers expect. Our experts will assist you in all phases of your manufacturing processes – from analytical tests in our laboratories to hands-on support at your production site.

Technical Support

- Advice on technical and chemical issues
- Support for product development
- Advice on increasing productivity and cutting costs
- Analytical lab work

Supply Chain Excellence

- Production sites in North America, Europe and Asia to reduce transit times and ensure supply continuity while maintaining consistent product quality
- Individual warehousing and logistics solutions
- Regional customer service



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FOCUS ON SUSTAINABILITY

WACKER Corporate Sustainability Objectives

Footprint DOWN

We create efficient and responsible processes, use resources responsibly, avoid waste and minimize our footprint.

Value UP

By empowering our employees we enable our customers to provide more sustainable solutions.

Collaboration BEYOND

As a contributing member of society, we strive for a sustainable value chain together with all our partners.



Footprint DOWN



Footprint UP



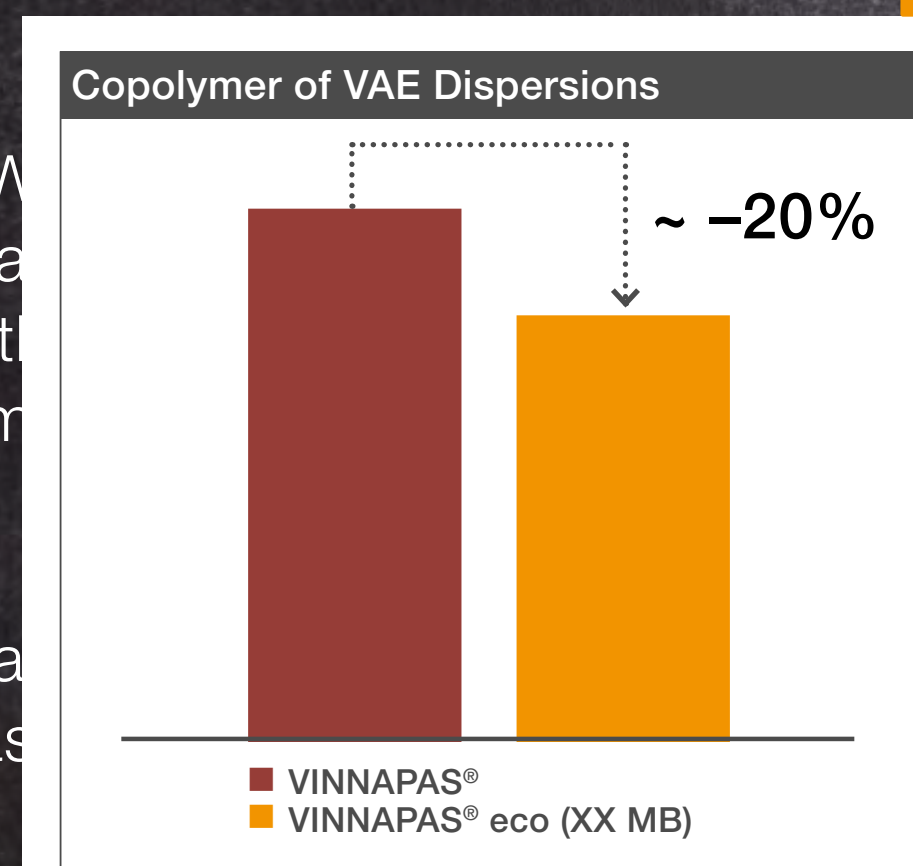
Collaboration BEYOND

Committed to Sustainable Solutions

In the nonwovens and technical textiles industries, we are committed to working with our customers to support their sustainability goals and to develop sustainable solutions that will also meet the requirements of the end markets that we serve. Some of our key initiatives include:

- Chemical risk mitigation
- Substitution of fossil-based raw materials
- Life cycle analysis and product carbon footprint data
- Low carbon emissions eco grades utilizing the mass

Carbon footprint



Carbon footprint calculation method is compliant with the ISO 14040/44 standard



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CREATING TOMORROW'S SOLUTIONS

A Diverse Array of Products for Growing Markets

Our product portfolio ranges from silicones, binders and polymeric additives all the way up to bioengineered pharmaceutical actives. Rounding these out is hyperpure silicon for semiconductors and solar applications.

Innovations That Improve Quality of Life

Resource scarcity, climate change, urbanization: the challenges of our times demand new responses. In our search for solutions, we invest some 3.5% of our annual sales in research and development. With their emphasis on using energy efficiently and protecting the climate and our environment, our products are already improving quality of life for people all over the world.

Global Knowledge for Local Markets

When you work with WACKER, you have 100 years of chemistry expertise at your disposal, with access to the research findings and best practices of our experts throughout the world. Our knowledge base consists of a network of 22 technical centers, 14 training centers and our basic research center.

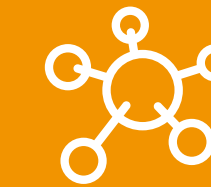
And most importantly: we are there wherever you need us – worldwide. Our local specialists know your markets and speak your language. Working with them, you will find innovative solutions that win over your customers and make you more competitive.

Follow us:

Find us on LinkedIn, YouTube, X and Instagram, where we'll keep you up to date on the latest and discuss current issues with you.



All figures are based on fiscal 2023.



Silicones and Polymers

3,200 specialty products from organic and inorganic chemistry



Global Market Leader

In dispersions and dispersible polymer powders based on vinyl acetate-ethylene (VAE), in building-protection silicones and in the production of cyclodextrin and cystein.



Globally Active

- Sites worldwide
- Headquartered in Munich
- 27 production sites in Europe, Asia and the Americas
- 22 technical centers
- 14 WACKER ACADEMY training centers
- 48 sales offices



Employees: 16,400



Total Sales

€6,4 billion



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WACKER

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