

BN-55

TECHNOLOGY THAT REDRAWS THE BOUNDARY



Innovative Solution for Sizing Applications

BN-55

Accelerate your production processes, reduce energy costs, and extend equipment lifetime with BN55. Move beyond the limitations of conventional systems and enhance efficiency through a more sustainable solution.

✓ About Our Products

Our innovative materials revolutionize material usage and cost efficiency by significantly improving process performance.

- **BN55: A high-performance powder/granule-based material that replaces conventional sizing agents, offering superior adhesion, flexibility, and process optimization.**
- **BN55 is an advanced powder-based auxiliary agent used in sizing processes to replace traditional softeners, antistatic agents, PVA, and waxes, delivering optimal performance and consistent results.**

✓ Product Applications

- **BN55:**
Ideal for sizing processes where starch usage can be reduced by up to 50% compared to conventional methods.
- **TBZ-401 - TBZ-501:**
Auxiliary products designed to support and enhance the performance of BN55.

✓ Universal Fiber Compatibility

Designed for maximum versatility, our products are suitable for all fiber types, including cotton, polyester, viscose, linen, and blended yarns. This ensures optimal performance in all sizing processes, regardless of the raw material used.

✓ Seamless Machine Compatibility

Our products integrate effortlessly into existing systems without requiring modifications or special equipment. This enables a smooth transition from traditional sizing agents without additional investment.

✓ Preparation Time

Conventional sizing methods require heating the mixture to 95 °C, followed by 30 minutes of hot steam cooking. With BN55, auxiliary agents are homogenized efficiently, allowing starch usage to be reduced by up to 50%.

TBZ401 – TBZ501 are applied only for fine or difficult-to-size products to further enhance performance.

✓ Fully Compatible with Existing Systems

By following standard operating procedures and eliminating the need for additional temperature adjustments, application becomes simple, efficient, and reliable.

✓ Product Equivalency

- **1 kg BN55 = 5 kg Starch**
- **1 kg BN55 = 3 kg PVA**
- **1 kg TBZ501 = 1 kg PVA**
- **0.5 kg BN55 + 0.5 kg TBZ501 = 5 kg PVA**



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Next-Generation Textile Sizing

As pioneers of sustainable textile production, BN55 and TBZ401 – TBZ501 deliver groundbreaking advancements in sizing applications. Specifically developed for yarn sizing, these solutions stand out with their high efficiency, cost advantages, and environmental benefits

Manufactured by Teymur Kimya
Teymur Kimya is a division of Teymur Tekstil San. ve Tic. A.S.

Contact Us

Contact our team today to learn how BN55 and TBZ401 – TBZ501 can transform your sizing processes and elevate your production performance.



Teymur Tekstil San.Tic.A.Ş.

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