



MAN-MADE
FIBERS

TALLOPOL® - Hydrophilie mit System

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Company Profile

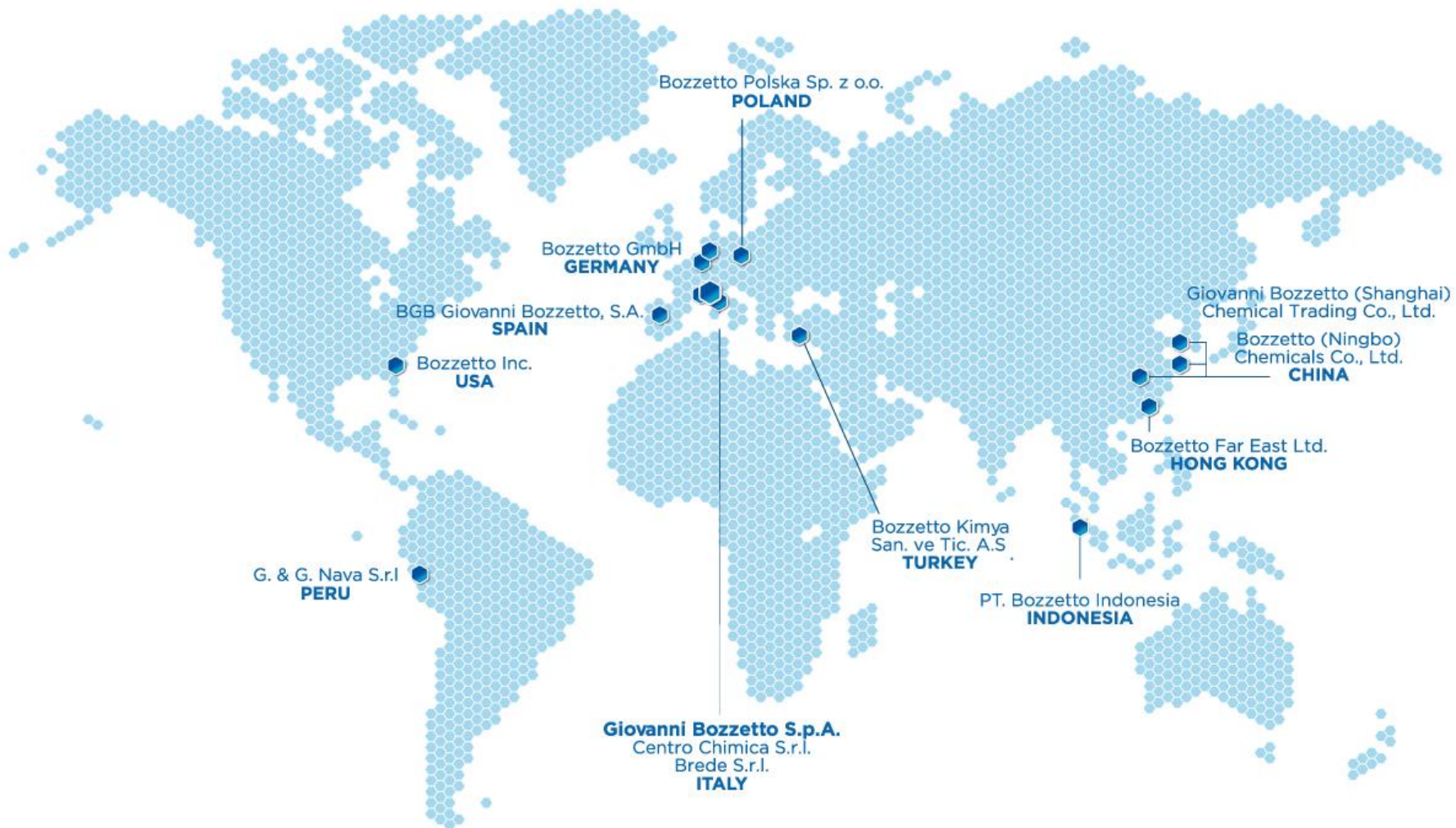
- Bozzetto is a multinational Group, active in fine chemistry.
- We produce specialty chemicals based on our own know-how.
- Our core business comes from a leading position in:



and due to a unique synergy among these three Business Units, we have experienced a progressive and long-lasting growth.



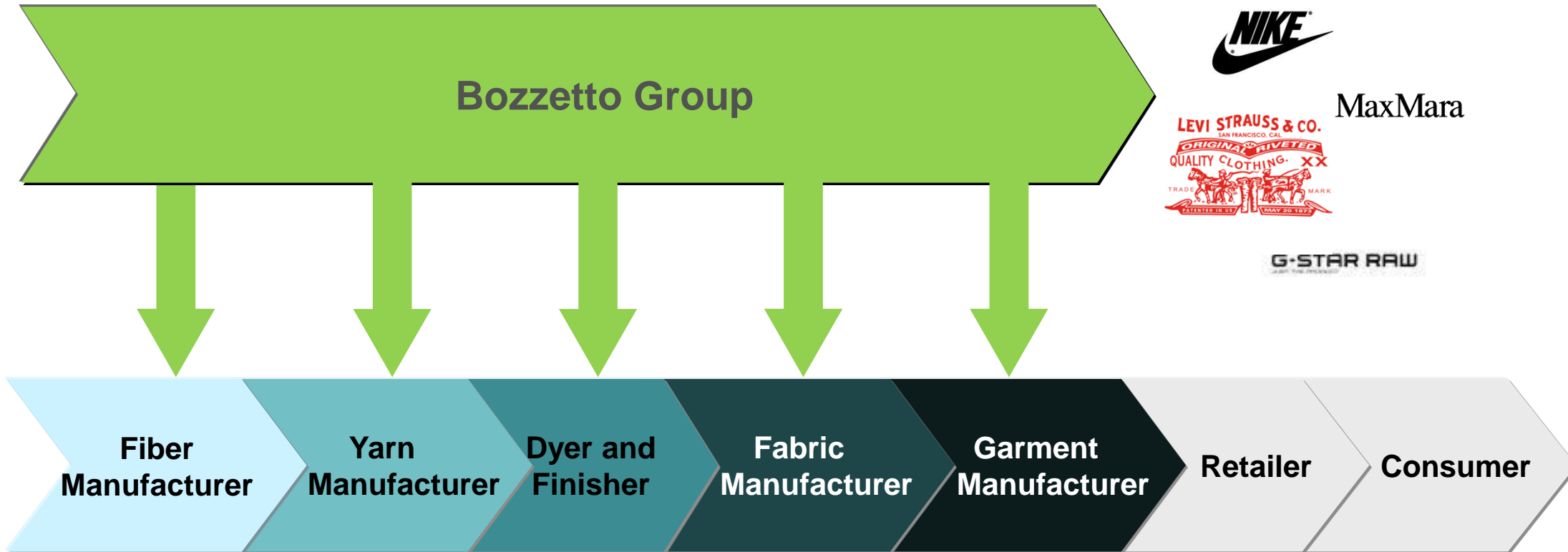
Bozzetto Worldwide



Textile Chemicals



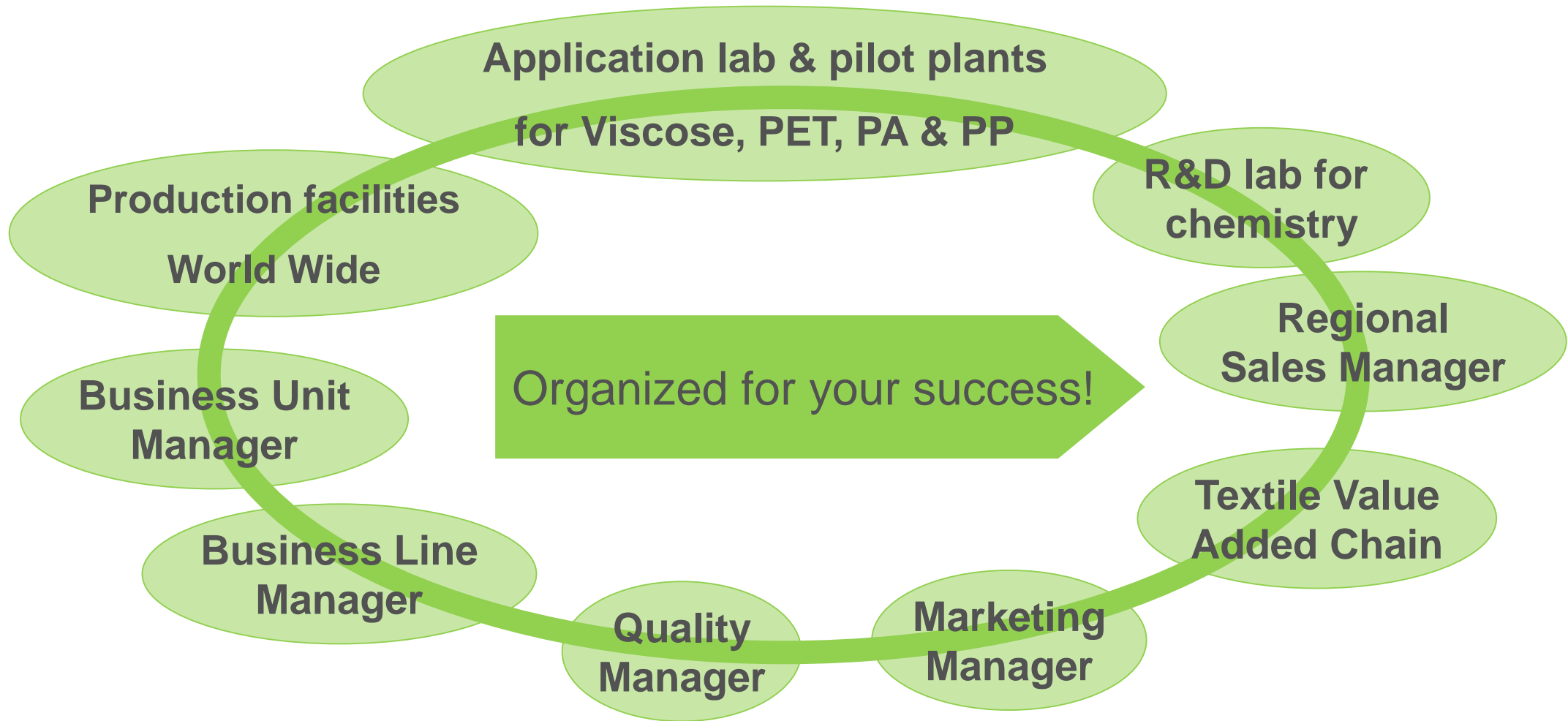
Textile Value Added Chain



→ Partnership at the starting point means impact on the Textile Value Added Chain and success!



Our Focus: Man-Made Fibre Industry



We are close to you and your business!



Tallopol[®] System

The standard is to have an **All-in-One product**.

Why **Tallopol[®] System**?

The System adapts to the product and not the product to the system!

Tallopol[®] System consists of

- 1 Lubricant**
- 1 Antistatic agent**

Suitable for Polyester, Polypropylene, Viscose



Tallopol[®] System

Advantage

Every fibre producer has different process parameter.

With the correct ratio of the **Tallopol[®] System** you will have

- Optimized process parameter
- Reduction of the opu
- Reduction of the bath concentration
- Reduction of amount of product
- Antistatic agent not for every application/processes, decrease of a component which isn't necessary
- Minimize breaks during the production
- Positive influence on the price



Tallopol® SF 2

**Hydrophilic finish for hygiene application:
permanent hydrophilic finish for coverstock materials
suitable as finish in the normal spinning process**

Properties:

- Soft touch
- Biodegradable
- Good skin compatibility (certified)
- Accordance with FDA regulation

- Yellow liquid, water soluble
- 99 % active content
- Storage conditions 12 months
- Not sensitive to frost



Tallopol[®] SLB

Excellent antistatic agent, especially for application in hygiene sector

Properties:

- Biodegradable
- Good skin compatibility (certified)
- No foam
- Accordance with FDA regulation

- Yellow liquid, water soluble
- 86 % active content
- Storage conditions 12 months
- Not sensitive to frost



Tallopol[®] System

Variation from different customer

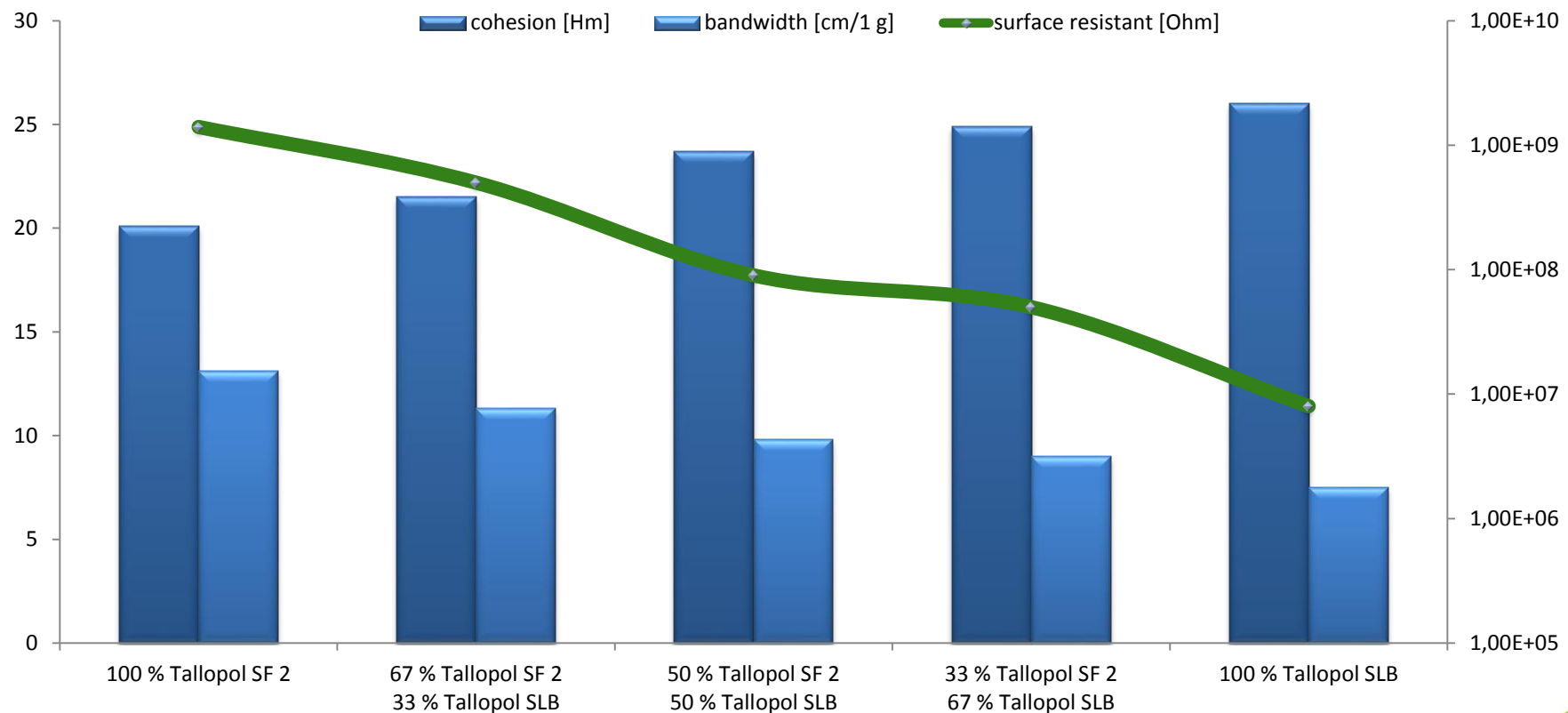
Component 1	Component 2	Ratio	Application
Tallopol [®] SF 2		100	Viscose nonwoven
Tallopol [®] SF 2	Tallopol [®] SLB	80:20	Viscose nonwoven
Tallopol [®] SF 2	Tallopol [®] SLB	67:33	PET nonwoven
Tallopol [®] SF 2	Tallopol [®] SLB	50:50	PET nonwoven
Tallopol [®] SF 2	Tallopol [®] SLB	70:30	PP coverstock material
Tallopol [®] SF 2	Tallopol [®] SLB	80:20	PP coverstock material



Tallopol[®] System

Example 1: PET staple fibre 0,25 % opu

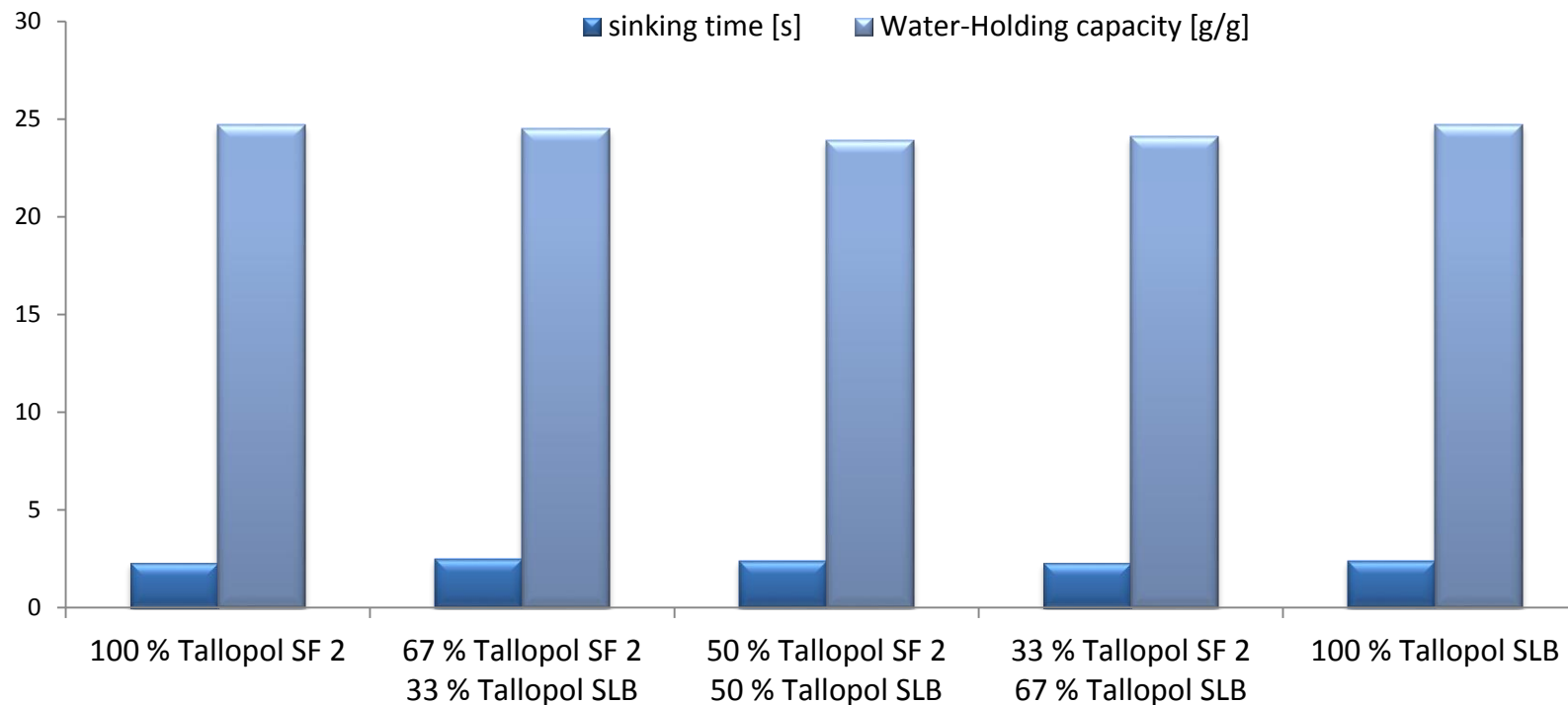
Comparison: Cohesion/electrostatic properties



Tallopol® System

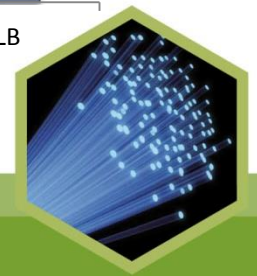
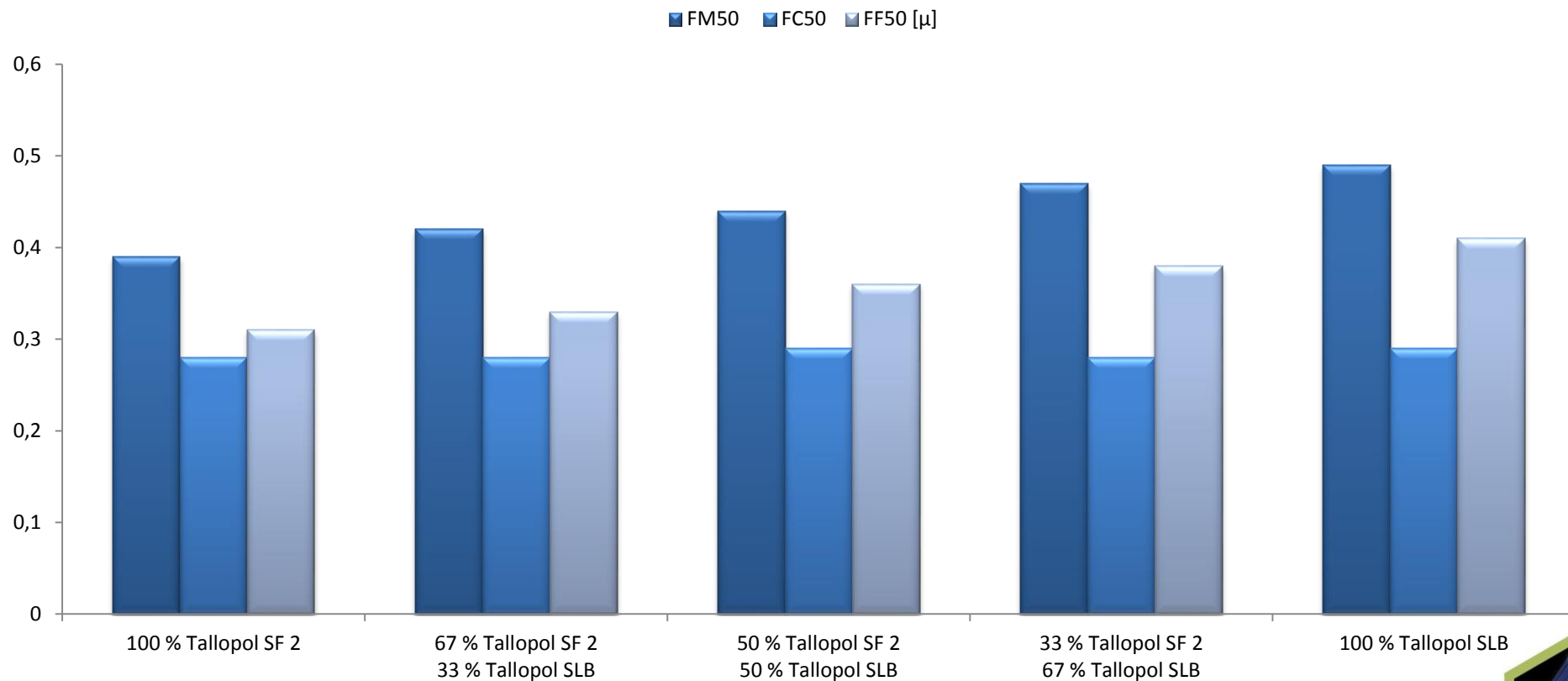
Example 2: PET staple fibre 0,25 % opu

Comparison: Sinking time/Water holding capacity



Tallopol® System

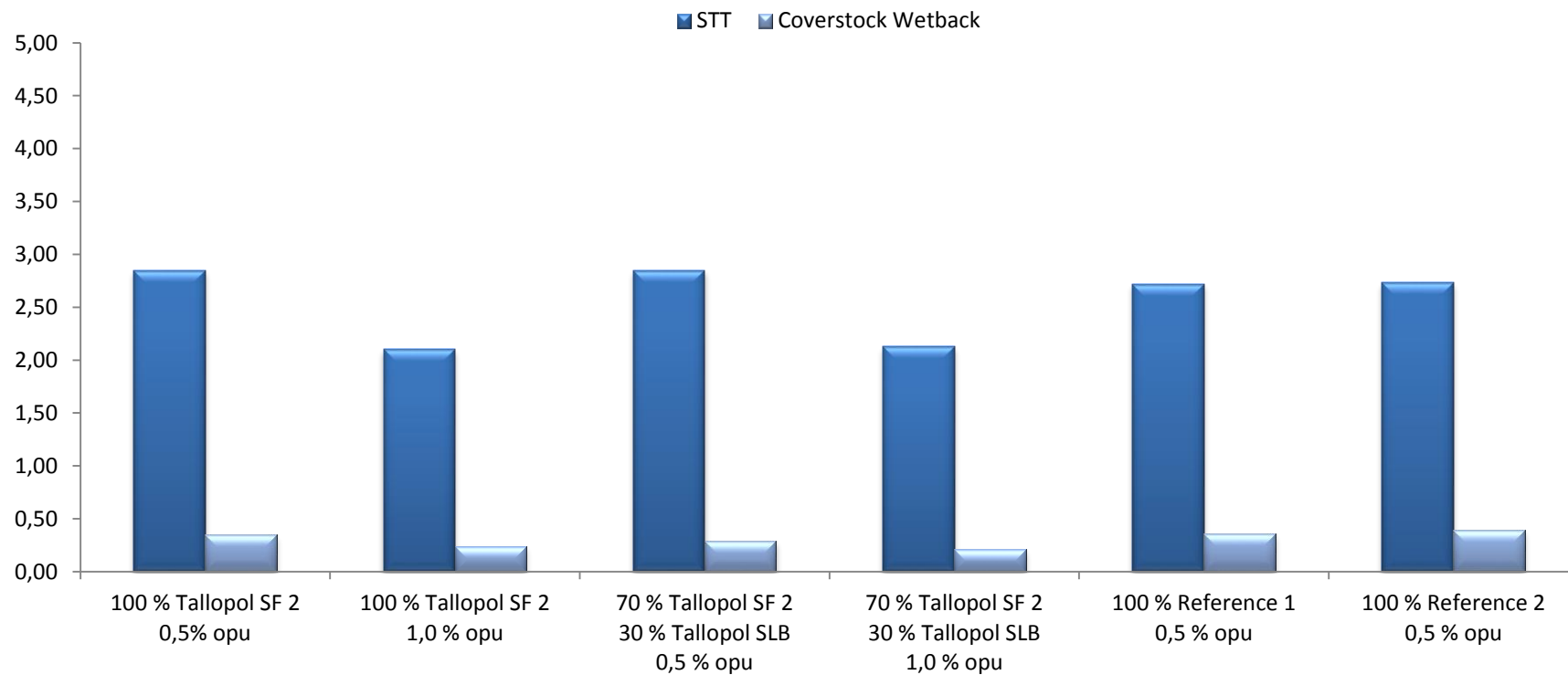
Example 3: PET filament 0,25 % opu
Comparison: Dynamic friction



Tallopol® System

Example 4: PP spunlaid 25 g/m²

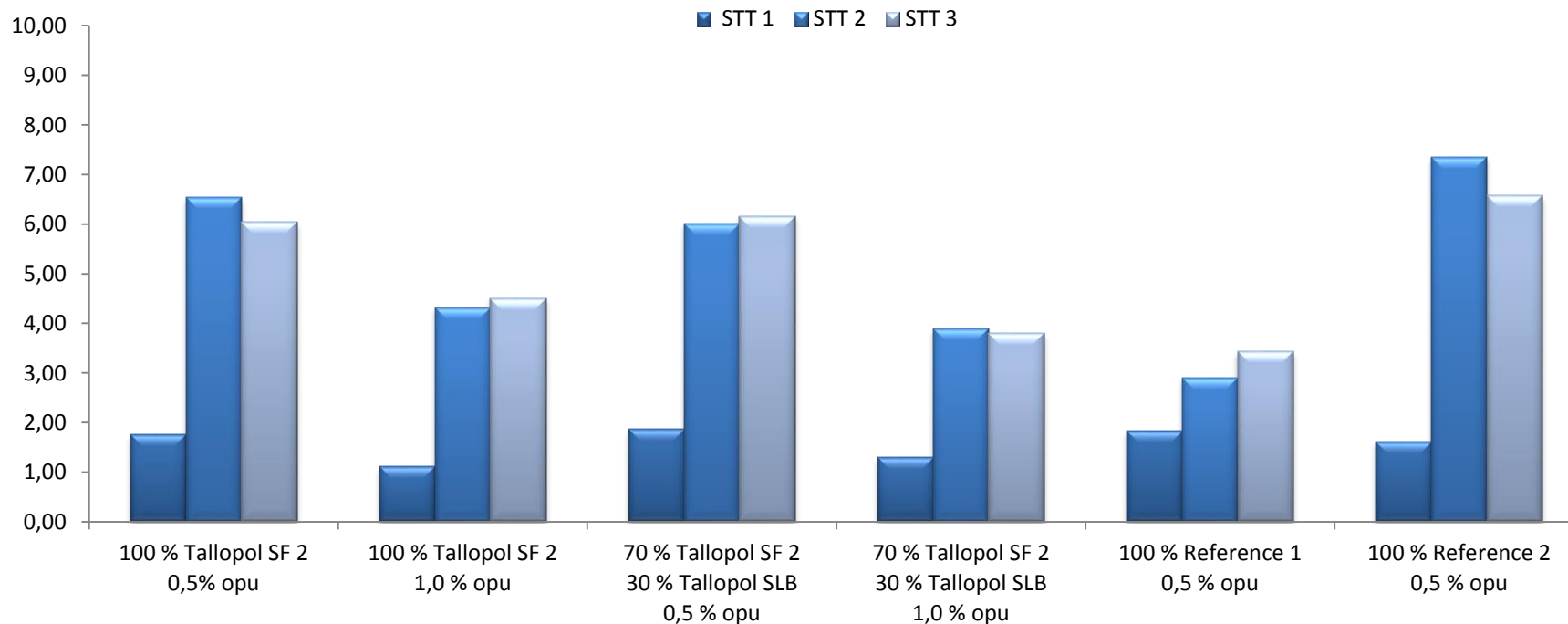
Comparison: Liquid strike through time



Tallopol® System

Example 5: PP spunlaid 25 g/m²

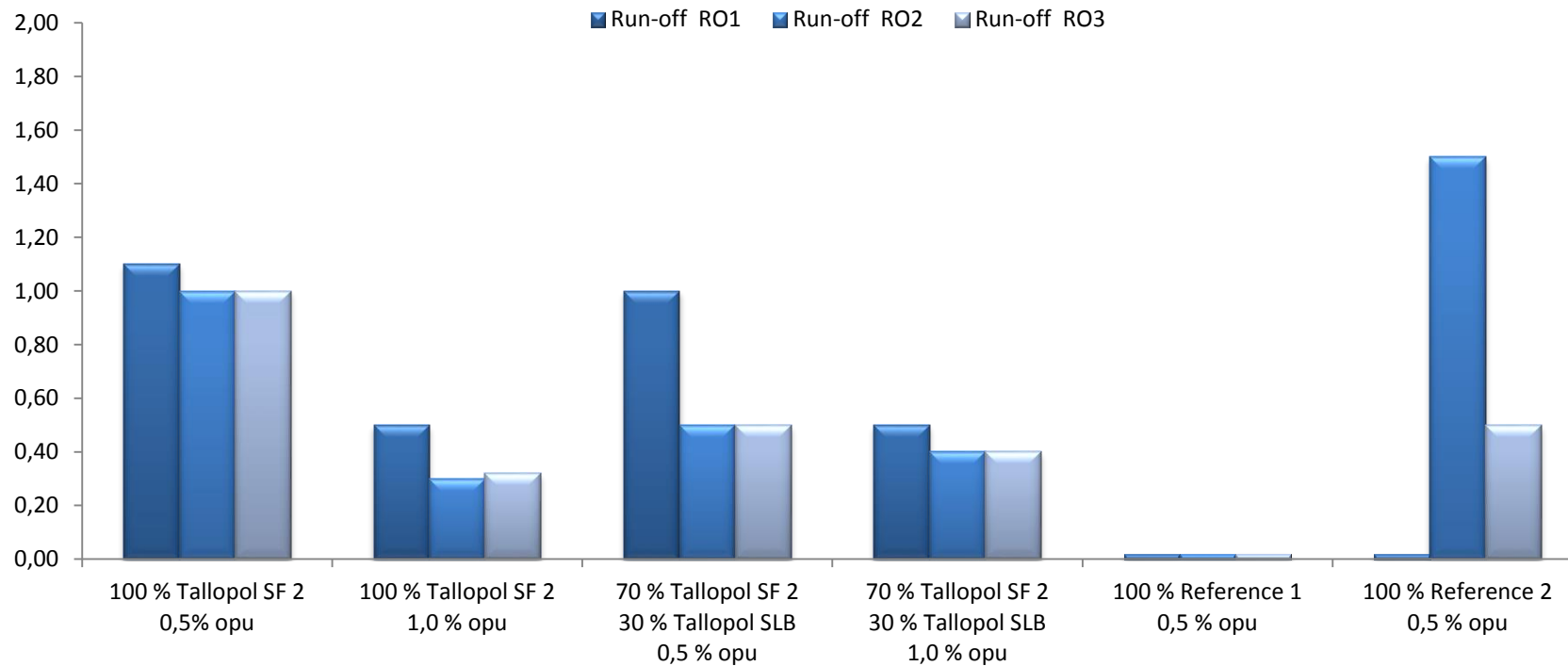
Comparison: Repeat liquid strike through time



Tallopol® System

Example 6: PP spunlaid 25 g/m²

Comparison: Run-off



Summary

By adding **Tallopol® SLB**

- an increase of the **cohesion**.
- an improvement of **antistatic properties**.
- the **hydrophilicity** and **permanence** remains the same.

An increase of the opu of the **Tallopol® System**

- the **hydrophilicity** and **permanence** increase.



Summary

With the Tallopol® System you will have an optimized system, tailored to the production.

In laboratory and production trials we will find out the correct ratio for the system.

If the intention is still an all-in-one product, this can easily blend into the jointly drafted ratio. A ready-to-use product is offered that only needs to be dissolved in water, adjusted to the appropriate bath concentration.

However, with the two components you are more flexible if you have to change something in the production.



Thank you for your attention

The only place where success comes before work is in the dictionary.

Vidal Sassoon (1928)

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