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Summary
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:

  ![TEXTILE CHEMICALS](image1)
  ![BUILDING CHEMICALS](image2)
  ![PERFORMANCE CHEMICALS](image3)

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

ALL AROUND SOLUTIONS

LEATHER
MAN MADE FIBRES

GARMENT
SIZING

TECHNICAL COATING & LAMINATING

PREPARATION
FINISHING & COATING
DYEING

MAN MADE FIBRES
Partnership at the starting point means impact on the Textile Value Added Chain and success!
Our Focus: Man-Made Fibre Industry

Organized for your success!

Application lab & pilot plants for Viscose, PET, PA & PP

R&D lab for chemistry

Regional Sales Manager

Textile Value Added Chain

Business Unit Manager

Business Line Manager

Quality Manager

Marketing Manager

Production facilities World Wide

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
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

<table>
<thead>
<tr>
<th>Component 1</th>
<th>Component 2</th>
<th>Ratio</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tallopol® SF 2</td>
<td></td>
<td>100</td>
<td>Viscose nonwoven</td>
</tr>
<tr>
<td>Tallopol® SF 2</td>
<td>Tallopol® SLB</td>
<td>80:20</td>
<td>Viscose nonwoven</td>
</tr>
<tr>
<td>Tallopol® SF 2</td>
<td>Tallopol® SLB</td>
<td>67:33</td>
<td>PET nonwoven</td>
</tr>
<tr>
<td>Tallopol® SF 2</td>
<td>Tallopol® SLB</td>
<td>50:50</td>
<td>PET nonwoven</td>
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<tr>
<td>Tallopol® SF 2</td>
<td>Tallopol® SLB</td>
<td>70:30</td>
<td>PP coverstock material</td>
</tr>
<tr>
<td>Tallopol® SF 2</td>
<td>Tallopol® SLB</td>
<td>80:20</td>
<td>PP coverstock material</td>
</tr>
</tbody>
</table>
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

- FM50
- FC50
- FF50 [µ]
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)