

FIBRE

SPIN FINISHES
FOR NONWOVENS

Schill+Seilacher
struktol®



SOLUTIONS | TAILORMADE | WORLDWIDE

NONWOVENS



FINISHES FOR THE PRODUCTION OF NONWOVENS

- Drylaid (Spunlaid and Carded)
- Airlaid
- Wetlaid

APPLICATIONS

- Hygiene and Personal Care
- Wipes
- Household
- Technical
- Packing and Wrapping
- Medical
- Filtration



PRODUCTION OF SHORT CUT FIBRES

- Paper reinforcement
- Concrete reinforcement
- Fibre reinforced composites

STAPLE FIBRE PRODUCTION / CARDING PROCESS

- Carded nonwovens for hygiene and personal care, household, I&I
- thermobonding, spunlacing, chemical bonding, air through bonding
- Needle felt: needle punched

SPUNBOND / MELTBLOWN NONWOVENS

- Spunlaid nonwovens for hygiene and personal care, household, I&I
- Medical, protective clothing

NONWOVENS

NONWOVENS FOR HYGIENE, HOUSEHOLD & PERSONAL CARE AND INDUSTRIAL APPLICATIONS

STAPLE FIBRES/CARDED NONWOVENS

| SILASTOL | IONOGENITY | ACTIVE CONTENT [%] | SOFT TOUCH | FIBRE POLYMER | PROPERTIES |
|-----------|------------|--------------------|------------|---------------|--|
| DL 2 M | anionic | 80 | | PET | durable hydrophilic |
| GF 18 | anionic | 75 | | PP | hydrophilic, FDA* |
| GF 602 D | anionic | 75 | | PP | hydrophilic |
| GF 2011 | anionic | 77 | | PP | hydrophilic, FDA*, EU No 10/2011** |
| HB | cationic | 100 | ✓ | PP | hydrophobic, for backsheets |
| LMF 8 | anionic | 50 | | PP, PET, Bico | airlaid, FDA** |
| PHP 10 | anionic | 85 | | PP, Bico | durable hydrophilic |
| PHP 26/16 | cationic | 17/80 | ✓ | PP, Bico | durable hydrophilic, low wash-off |
| PHP 90 | cationic | 60 | ✓ | PP, Bico | durable hydrophilic, air through and thermobonding |
| SL 201/15 | anionic | 97/50 | | PET,Viscose | low foaming, for hydroentanglement, FDA* |
| PP 77/88 | cationic | 91/96 | ✓ | Bico | durable hydrophilic, air though bond |

*FDA = all components of the product are listed in CFR, Title 21 FDA (indirect food contact); some restrictions may apply.

**EU No10/2011 = all components are listed in EU Regulation No10/2011, some restrictions may apply.

- BABY DIAPERS
- HOUSEHOLDS AND PERSONAL CARE
- PACKAGING
- FEM CARE
- INCONTINENCE

SPUNLAID NONWOVENS

| SILASTOL | IONOGENITY | ACTIVE CONTENT [%] | SOFT TOUCH | FIBRE POLYMER | PROPERTIES |
|----------|------------|--------------------|------------|---------------|---|
| 163 | anionic | 94 | | PP, Bico | durable hydrophilic, low wetback, FDA*, for topsheet |
| 186 F | nonionic | 100 | | PP | durable hydrophilic, FDA*, for wipes |
| GF 16 | anionic | 75 | | PP | hydrophilic, FDA*, for wipes |
| HB | cationic | 100 | ✓ | PP | backsheets |
| PHP 8 | nonionic | 98 | | PP | durable hydrophilic, for topsheet, no leakage |
| PHP 26 | cationic | 17 | ✓ | PP, Bico | durable hydrophilic, low wash-off, for corecover and topsheet |
| PHP 28 | cationic | 17 | ✓ | PP, Bico | durable hydrophilic, for topsheet |
| PHP 90 | cationic | 60 | ✓ | PP, Bico | durable hydrophilic, for topsheet and ADL |
| PHP 207 | anionic | 96 | ✓ | PP, Bico | durable hydrophilic, for topsheet |
| PST-N | anionic | 76 | | PP | hydrophilic, for topsheet |

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NONWOVENS

SPUNLAID NONWOVENS FOR PROTECTIVE CLOTHING AND MEDICAL APPLICATIONS

| POLYFIX | IONOGENITY | ACTIVE CONTENT [%] | FIBRE POLYMER | PROPERTIES |
|---------|------------|--------------------|---------------|---|
| N-FC | anionic | 55 | PP, PET | excellent antistatic agent, suitable for the combination with fluorocarbon products |

STAPLE FIBRES FOR NEEDLE FELT

| SILASTOL | IONOGENITY | ACTIVE CONTENT [%] | FIBRE POLYMER | PROPERTIES |
|------------|------------|--------------------|--------------------|---|
| 80 G 92 | anionic | 80 | PP, PET | approved Standard Finish, low odor, low fogging |
| 80 G 33 NF | anionic | 99 | PP, PET, m-Aramide | excellent heat stability, low odor, low fogging |
| P 800 E | anionic | 91 | PET | low odor, excellent antistatic properties, FDA* |

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SHORT CUT FIBRES

Paper and Concrete Reinforcement and Fibre reinforced Composites

| SILASTOL | IONOGENITY | ACTIVE CONTENT [%] | FIBRE POLYMER | PROPERTIES |
|----------|------------|--------------------|---------------|--|
| CUT 8 | nonionic | 35 | Bico, PET, PP | CUT 11, FDA* solely for airlaid, in combination with CUT 8 for wetlaid and paper reinforcement |
| CUT 11 | anionic | 50 | | |
| CUT 60 | anionic | 96 | PP | wetlaid, low foaming, FDA* |
| CUT 80 | anionic | 75 | PP, PE, Bico | concrete reinforcement, wetlaid, FDA* |
| CUT 90 T | cationic | 60 | PET, PP | durable, hydrophilic, for wetlaid, reinforcement |

*FDA = all components of the product are listed in CFR, Title 21 FDA (indirect food contact); some restrictions may apply.

SCHILL+SEILACHER AT A GLANCE

→ BOEBLINGEN

SPECIALITY CHEMICALS FOR:

DIN EN ISO 9001:2015
DIN EN ISO 14001:2015
DIN EN ISO 50001:2011
RSPO CERTIFICATION MASS BALANCE

FIBRES
TEXTILES
LEATHER
PAPER
COSMETICS
FINE CHEMICALS



→ HAMBURG

SPECIALITY CHEMICALS FOR:

DIN EN ISO 9001:2015
DIN EN ISO 14001:2015
DIN EN ISO 50001:2011

RUBBER ADDITIVES
ANTIFOAMS
EPOXY PREPOLYMERS
AND FLAME RETARDANTS
LATEX ADDITIVES
SILICONES
RELEASE AGENTS



→ PIRNA

SPECIALITY CHEMICALS FOR:

DIN EN ISO 9001:2015
(ONLY FOR BOEBLINGEN PRODUCTS)

SILICONES
PU INDUSTRY
PAPER
TEXTILES
COSMETICS
FIBRES
LEATHER



→ HUDSON / OHIO / USA PRODUCER OF:

DIN EN ISO 9001:2015
DIN EN ISO 13485:2003

NANOFIBRE MATRICES



→ STOW / OHIO / USA VILLA RICA / GEORGIA / USA SPECIALITY CHEMICALS FOR:

DIN EN ISO 9001:2008

PLASTICS
WOOD COMPOSITES
RUBBER
LEATHER



Disclaimer:

Above mentioned technical specifications rely on an analysis as of: 06.2018.

The mentioned attributes and application proposals are only non-binding application possibilities and application proposals for our products. Our advice and recommendations whether verbal, in writing or by way of tests do not excuse the customer from his or her own examination regarding the applicability for the intended procedures and purposes. The mentioned attributes and application proposals are no assurance for a certain further processing. Any assurances must be agreed upon explicitly and in writing between the customer and us.

We also advise you, that any further processing and the distribution of the further processed products is part of the customers sole scope of responsibilities as the producer of the new product.



Any Questions?

Our service team will be pleased to answer any questions and to assist you with advice and information at all times. We can also advise you of the contact data of our local offices and agencies. Data sheets and samples of our products are available upon request.

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