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info@pulcrachem.com  
www.pulcra-chemicals.com

**Pulcra Chemicals GmbH**  
Isardamm 79-83  
82538 Geretsried  
Germany  
Phone: +49 8171 628 0

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The indications given herein correspond to practical experiences. Owing to the differences in local conditions they cannot claim to be complete, so that any liabilities – also with a view to claims of third parties – are excluded. Spunlace\_Stapel Fiber-4-A4-05-20-EN



## **SPUNLACE** STAPLE FIBERS

**Pulcra Chemicals**  
*The solution specialist*

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## SPIN FINISH COMPONENTS FOR SPUNLACE STAPLE FIBERS

PRODUCT	USED FOR	FEATURES	BENEFITS
<b>ANTISTATIC AGENTS</b>			
<b>KATAX® 1017-8</b>	» Hygiene	» Good Antistatic Performance	» High Affinity To Fibers
	» Food Contact	» Very Low Foam Formation » Excellent Thermal Stability	» Low Foam Creation At Entanglement » Complies with FDA and EU 10/2011
<b>KATAX® SL 145</b>	» Technical	» Excellent Antistatic Performance	» Highest Possible Carding Speeds
	» High Cohesive	» Very Low Foam Formation » High Fiber Cohesion » Excellently Soluble	» Low Foaming Process Water without Deposits
<b>KATAX® 1260-4</b>	» Hygiene	» Good Antistatic Performance	» Complies with FDA and EU 10/2011
	» Food Contact	» Moderate Foam Creation » High Hydrophilic » Excellently Soluble	» Highest Possible Migration Limit to EU 10/2011 » Process Water without Deposits » High Active Matter
<b>LUBRICANTS</b>			
<b>STANTEX® S 6117-2</b>	» Hygiene	» Low Fiber To Metall Friction	» Allows High Speed Carding
	» Food Contact	» Low Foam Creation » Excellent Thermal Stability	» Less Foam During Hydroentanglement » Complies with FDA and EU 10/2011
<b>STANTEX® S 2152 PD</b>	» Technical	» Low Fiber To Metall Friction	» Highest Possible Carding Speeds
	» High Cohesive	» Good Fiber Cohesion	» Low Foaming Process Water without Deposits
<b>STANTEX® S 6051</b>	» Hygiene	» Balanced Friction Behavior	» Provides a Scroopy Fiber Grip
	» Food Contact	» Good Fiber Cohesion	» Versatile Fiber Lubricant » Complies with FDA and EU 10/2011
<b>PROCESS-AIDS</b>			
<b>STANTEX® K 1327</b>	» Hygiene	» Excellent Wetting Behavior	» Improved Application of Finishes and Top Coats
	» Food Contact	» Good Antistatic Activity	» Complies with FDA and EU 10/2011 » Increases Hydrophilicity



## RECIPES FOR PET SPUNLACE FIBERS

### Universal Spunlace Finish:

- For Hygiene and Food Contact Applications with High Carding Speeds, Low Foaming, enables High Temperature Settings

Component	Mixing Ratio (Active)
<b>KATAX® 1017-8</b>	40 - 60 %
<b>STANTEX® S 6117-2</b>	60 - 40 %

### High Efficient Spunlace Finish:

- For Highest Possible Carding Speeds and High Fiber Cohesion
- Low Foaming and Clear Process Water

Component	Mixing Ratio (Active)
<b>KATAX® SL 145</b>	50 - 70 %
<b>STANTEX® S 2152 PD</b>	50 - 30 %

### Hydrophilic Food Contact Finish:

- Fulfills Highest Requirements to EU 10/2011 with High Hydrophilicity

Component	Mixing Ratio (Active)
<b>KATAX® 1260-4</b>	40 - 60 %
<b>STANTEX® S 6117-2</b>	60 - 40 %

## RECIPES FOR PP SPUNLACE FIBERS

Component	Mixing Ratio (Active)
<b>KATAX® TYPE*</b>	5 - 15 %
<b>STANTEX® S 6117-2</b>	95 - 85 %

## RECIPES FOR VISCOSE SPUNLACE FIBERS

Component	Mixing Ratio (Active)
<b>KATAX® TYPE*</b>	0 - 10 %
<b>STANTEX® S 6117-2</b>	100 - 90 %

\* Recommended Katax Type:

KATAX® SL 145  
KATAX® 1017-8  
KATAX® 1260-4

For Higher Cohesion and Strong Antistatic Protection  
For Food Contact with Low Foaming  
For Hydrophilic Fibers with High Specific Migration Level

