



# PULCRA@2SPIN

## SOFTENER & PROCESS AID

## PULCRA@2SPIN PP-492

**Pulcra Chemicals**  
*The solution specialist*

### SOFTENER & PROCESS AID

Pulcra@2spin PP-492 is a high concentrated solid masterbatch additive which improves the process by reducing friction and antistatic properties.

Adding Pulcra@2spin PP-492 together with Pulcra@2spin PP-136 gives a natural dry soft feel to non-woven products and/or spunlace and carded fabrics.

Pulcra@2spin PP-492 in combination with Pulcra@2spin PP-136 is intended for non-wovens such as personal hygiene products, diapers, ...

### HOW IT WORKS

The functional masterbatches need to be added during the extrusion process prior to the melting of the polymer by means of a dosing unit. The added masterbatches will reduce friction and hence improve the production output and will induce at the same time a nice soft touch.

All our innovations are tested on the Spin Master, a semi-industrial extrusion and spinning line developed to facilitate and accelerate the transfer of technology from lab scale to industrial scale.

### PRODUCT FEATURES:

- High concentration of active ingredients in both Pulcra@2spin PP-492 and Pulcra@2spin PP-136
- The combination offers a natural cotton like haptics and softness
- Reduced static charge during processing and on the final fabric
- Can have a positive effect on tensile strength and elongation of different grammage fabrics
- Higher whiteness is obtained and may allow savings on TiO<sub>2</sub> usage

### APPLICATIONS

Non-wovens; personal hygiene products, diapers, ...





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### TEST RESULTS

Fibre-to-Metal Friction Test Results

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SAMPLE ID	FRICTION FORCE (g)			SCROOP
	MEAN FRICTION	STATIC FRICTION	DYNAMIC FRICTION	
PP	28.8	33.6	23.6	10.1
4% Pulcra@2spin PP-492 & 0.5% Pulcra@2spin PP-136	23.9	25.8	21.5	4.3

### POSITIVE EFFECT ON UNIFORMITY OF THE NON-WOVEN END PRODUCT



no masterbatch added



masterbatch added

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

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