



PULCRA@2SPIN

SOFTENER & PROCESS AID

PULCRA@2SPIN PP-492

Pulcra Chemicals
The solution specialist

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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 TiO₂ usage

APPLICATIONS

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





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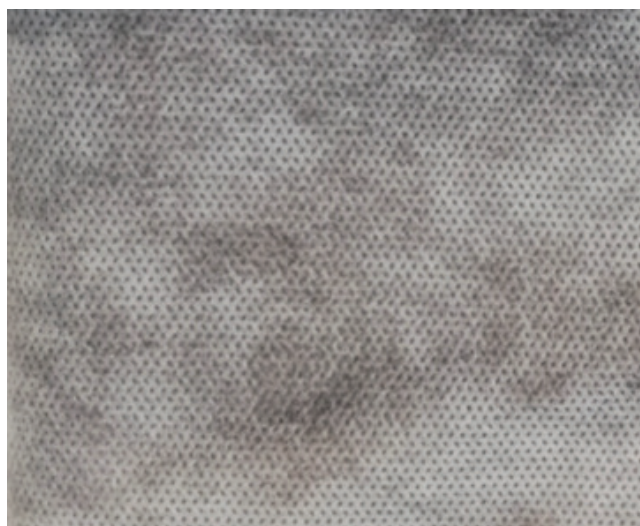
TEST RESULTS

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

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