



PULCRA@2SPIN

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FUNCTIONAL MASTERBATCH TECHNOLOGY

Pulcra@2spin is a range of solid masterbatch additives, providing different functionalities for a wide range of man-made fibres.

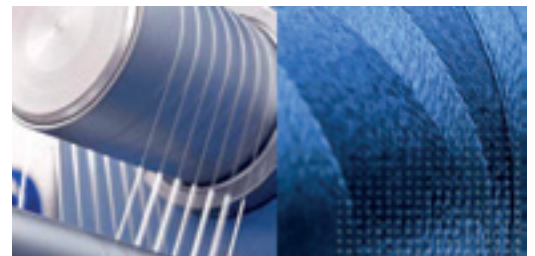
Pulcra Chemicals
The solution specialist

Functionalities include:

- soft touch (100 series)
- flame retardant properties (200 series)
- dyeable PP (400 series)
- friction control (400 series)
- odour control (700 series)

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. Different Pulcra@2spin products are available for different polymers, including PP, PA, PES or PLA. All our innovations are tested on the Spin Master, a semiindustrial extrusion and spinning line developed to facilitate and accelerate the transfer of technology from lab scale to industrial scale.



APPLICATIONS

Carpets, Upholstery, Non-wovens, Staple fibres, monofilament, clothing & apparel, ...



FUNCTIONALITIES & POLYMERS

FUNCTIONALITY	PP	PA	PES	PLA
SOFT TOUCH (100 SERIES)	✓	✓		✓
FLAME RETARDANT PROPERTIES (200 SERIES)	✓	✓	✓	✓*
DYEABLE PP (400 SERIES)	✓			
FRICTION CONTROL (400 SERIES)	✓		✓	
ODOUR CONTROL (700 SERIES)	✓	✓	✓	

* PLA tested only

PRODUCT FEATURES:

- The functionality is locked into the fibre to increase durability.
- Broad range of functionalities.
- No adverse effects on appearance, weight and colour.
- More flexibility in dosing level and usage.
- Easy use and monitoring of consumption.
- Sustainable technology: no additional cleaning, water or energy required in the downstream production process.
- No to little impact in the production process.