

IMAGINE HOW YOU
CAN PERFORM
WITH DEVAN'S

@2SPIN
Functional masterbatch technology

RANGE OF FUNCTIONALITIES

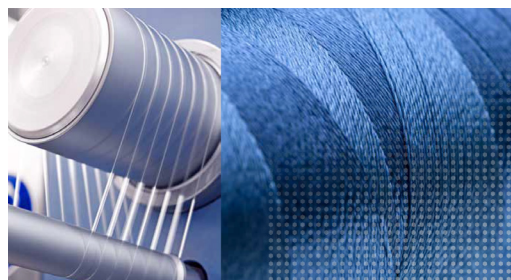
@2spin® is a range of solid masterbatch additives, providing different functionalities for a wide range of man-made fibres. Functionalities include:

- soft touch (100 series)
- flame retardant properties (200 series)
- surface modifiers (300 series)
- dyeable PP (400 series)
- friction control (400 series)
- antimicrobial (600 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 @2spin® products are available for different polymers, including PP, PA, PES or PTT. 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.



ADVANTAGES

- 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.

APPLICATIONS

Carpets, Upholstery, Non-wovens, Staple fibres, monofilament, ...

FUNCTIONALITIES & POLYMERS

Functionality	PP	PA	PES	PTT
Soft touch (100 series)	X	X		
Flame retardant properties (200 series)	X	X	X	X
Surface modifiers (300 series)	X			
Dyeable PP (400 series)	X			
Friction control (400 series)	X			
Antimicrobial (600 series)	X			