

# Melt electrospinning towards industrial scale nanofiber production

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# Propositions

Just because you cannot see something with the naked eye  
does not mean it cannot be your best result.

One should know the correlation between electrical voltage and amperage in direct current  
operation. A high electrical voltage and a low amperage at the same time does not necessarily  
mean danger for life and limb.

If the flight depth of the extruder screw does not match the standard granulate size,  
one or the other must be adjusted.

The degradation of materials is typically perceived as a negative reaction during the processing  
of polymers. As long as one is aware of the occurrence, properties can be controlled.

Dyes not only make a fabric colorful and fashionable, but can also have other properties that  
improve a fiber manufacturing process.

Material-process-relationships, which seem obvious to you, still need a verified, generally  
agreed validation method to provide conclusive results.

Although the term “nano” is clearly defined, there is some room for interpretation in the eye of  
the observer of a nanofiber.

Understanding a process on a small scale does not mean that scaling up is necessarily easier.  
One should always assume that new challenges may occur.

“Not everyone can explore space” (Buzz Aldrin), but a PhD degree can be a step towards  
getting closer to your own moon.

Everybody gets to a point during the PhD process where the solution of a problem seems more  
complicated than it possibly is, then it is worth being open for new inspiration.

