

## ARBOCEL® for PU Leather and PU Coatings

# Plant-based Additives for the Efficient Production of PU Leather and PU Coatings

### Benefits of ARBOCEL®:

  
Better wash  
out properties

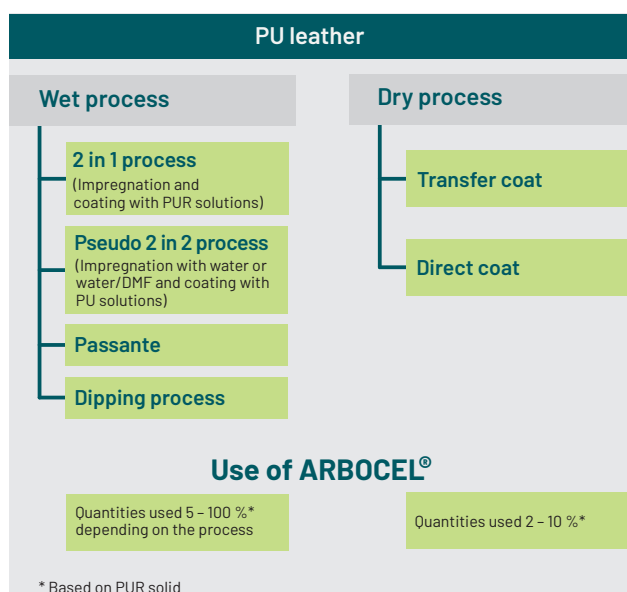
  
Leather like  
character

  
Viscosity  
control

  
Better foam  
stabilisation

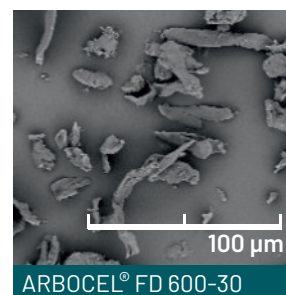
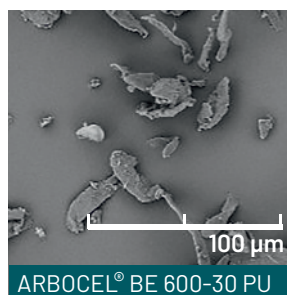
### ARBOCEL® – For smoother processing and superior PU leather quality

ARBOCEL® optimizes viscosity in the wet process, levels substrate irregularities, and enables quick solvent removal. Its organic fibers enhance haptics, creating a leather-like feel – ideal for shoes, car interiors, bags, and accessories.



### Main types

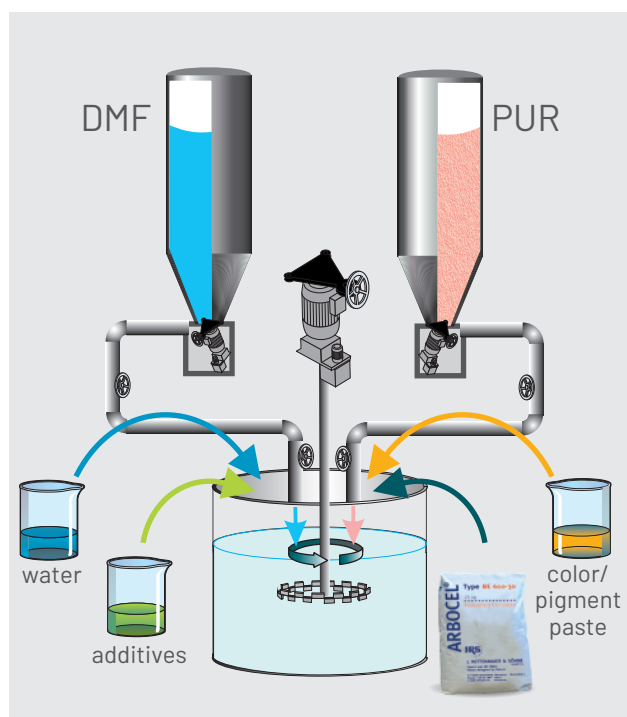
ARBOCEL® BE 600-30 PU      white  
ARBOCEL® FD 600-30      off white



## The wet process

ARBOCEL® can swell by 25 - 30 %. That is why the prepared solution should be allowed to mature for at least 3 hours. The optimal maturing period is about 5 hours. Sedimentation of ARBOCEL® is not common with normal production times. If, however ARBOCEL® does settle out after a prolonged period of standing without movement or stirring, it can be homogenized again.

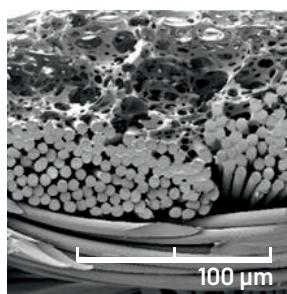
## Suggestion how to prepare a solution with ARBOCEL®:



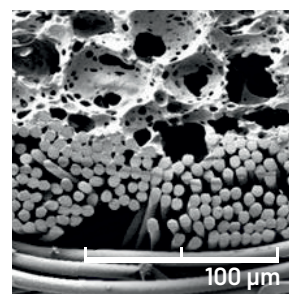
## High solid formulations and waterbased PU

ARBOCEL® cellulose fibers can also be used in high solid formulations and water-based systems. They contribute to improved stability, better rheology control, and enhanced overall performance. As a result, they help to optimize the technical properties of the final product.

Improved foam structure ensures greater stability. The addition of ARBOCEL® supports this effect, leading to more uniform surfaces and fewer defects.



Formulation without ARBOCEL®



Reformulation with ARBOCEL®

## Contact us

[www.jrsindustry.com](http://www.jrsindustry.com)

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