



# How to Improve Extrusion

## Intelligent and Natural Fiber Agents for the Production of Fertilizer Sticks and Pellets

### YOUR CHALLENGE

Premix that is too moist, sticky or inhomogeneous leads to fluctuations in the extrusion process. The extrudates get irregular texture and porous surfaces. In storage sticks and pellets tend to abrasion and breakage.



#### How to Solve it

Improve premix consistency and ensure homogeneous mixing of all components. Reduce excessive moisture and stickiness until you get a well processable compound.



#### Which Fiber Works

ARBOCEL® powder cellulose.



#### How it Works

The fibrous cellulose structure absorbs excessive moisture and leads to more cohesion between all components in the matrix when homogeneously mixed.



#### How to Use it

Addition of approx. 2-5% to premix.

Choose the most modern and sustainable way to optimize your production of fertilizer sticks and pellets:

Building on experience in virtually every industry sectors, JRS Plant Fiber Agents have proven to be true solution providers in extrusion!

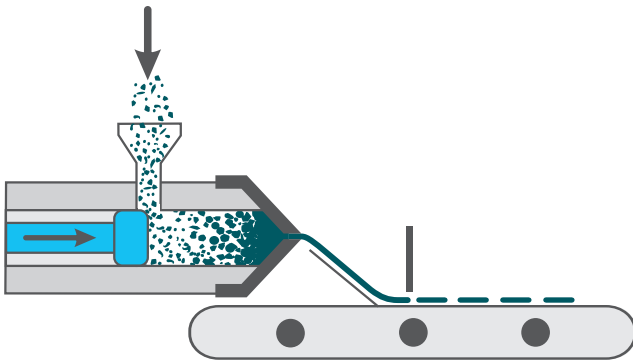


ARBOCEL® for extrusion process

## How to Improve Extrusion

### Optimizing Your Extrusion Process...

- > Less sticking to the tool
- > Less cleaning, longer cleaning intervals
- > Constant and smooth material flow without fluctuations
- > Fast and reliable processing



### ... and Surface and Structure of the Sticks or Pellets!

- > Smooth and even surfaces
- > Higher abrasion stability
- > Break resistant texture
- > Weight reduction is possible
- > Weight-constant cylindric pellets and sticks
- > Precise, straight cutting edges



#### Disclaimer

The above mentioned information is based on our practical knowledge and experience and is meant to be helpful when using our products. Due to the different materials and processes involved, we recommend in any case, adequate testing at your company or consultation with us. We cannot be held liable for this information.

Contact us

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