

Lubricant One-Pack Systems for Wood Plastics Composites



Baerolub Lubricant One-Pack Systems for Wood Plastics Composites

Wood Plastics Composites (WPC) are a new group of materials that are generating more and more interest. The term “WPC” covers an extremely wide range of composite materials using plastics ranging from HDPE, PP to PVC and binders/fillers ranging from wood flour to flax. The new and rapidly developing generation of WPC “wood composites” have excellent mechanical properties, high dimensional stability and can be used to produce complex shapes.

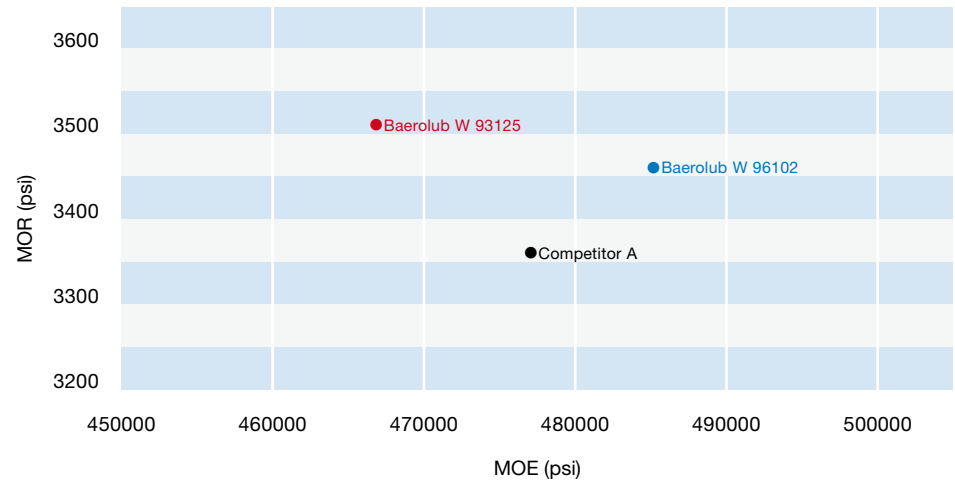


Depending on the resin, wood filler content and performance requirements of the application, Baerlocher can provide complete lubricant solutions for the manufacture of Wood Plastic Composite products.

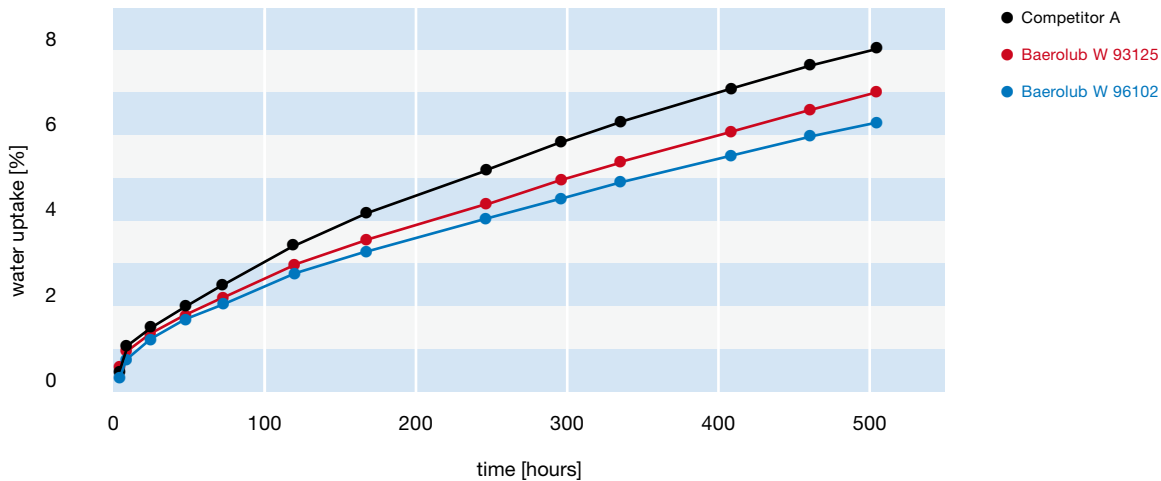
Some benefits of Baerlocher Baerolub lubricant one pack systems:

- Higher productivity, increased extruder output
- Reduction of processing temperature
- Better wetting of the wood fiber
- Improved surface of extruded profiles

Baerolub lubricant one packs with higher Modulus of Rupture (MOR)



Significant lower water uptake with Baerolub lubricant one packs



Based on more than 25 years of experience in producing commodity additives and customer specific additive compositions for plastics Baerlocher provides global industry leading capability in the field of plastic processing additives.

The lubricants for polyolefins (virgin and regrind) and the new PVC stabiliser systems for the wood plastic composites are designed to improve the stability, consistency, output and energy consumption of the extrusion equipment and the overall quality of the extruded part.

Baerlocher lubricants for wood plastics composites –

The Product range:

Speciality Lubricant systems:

- Baerolub W Series: Lubricant one-packs for Polyolefin WPC's based on metallic stearates
- Baerolub WPT and EW series: Lubricant one-packs for use with coupling agents
- Baeropan: PVC/WPC stabiliser one-packs

Basic Lubricants:

- Zinc Stearate
- Calcium Stearate
- EBS and other amides
- Ester based Lubricants

we add character to plastics

The Baerlocher group of companies is one of the world's leading additive suppliers, drawing on its experience from more than 180 years of company history. Our expertise in the production and use of plastic additives is closely linked to the success story of plastic materials. By developing new additive systems for innovative and well-proven applications, Baerlocher is making a significant contribution to the quality of our lives. Environmentally sound production processes as well as the safety and protection of people and environment are key corporate goals. As a globally active group of companies we are aware of our responsibility, regardless of time or place. We are committed to the principles of „Responsible Care“. This policy will result in long-term benefits, not least for our customers.



Disclaimer

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